farbfernseh service-kurzanleitung.
istruzioni tecniche per televisori a colori.
colour television service manual.
televisión en color breves instrucciones para servicio técnico.

LOEWE.

1107

Zur Beachtung

Dieses Gerät ist über den Wandler-Trafo vom Netz getrennt. Bei Service-Arbeiten an der Primärseite dieses Trafos ist ein Trenn-Trafo erforderlich.

Attenzione

Quest'apparecchio é separato dalla rete con trasformatore separatore incorporato. Per lavori d'assistenza sul lato primario di questo trasformatore servirsi di un secondo trasformatore separatore.

Demontageanleitung

ABNEHMEN DER RÜCKWAND
Drehen Sie die vier (4) bzw. sechs (6) Schrauben auf der Geräterückseite heraus, und nehmen Sie die Rückwand vorsichtig nach hinten ab.

HERAUSNEHMEN DES HAUPTCHASSIS'
Fassen Sie das Hauptchassis an beiden Seiten, und ziehen Sie es vorsichtig heraus.

AUSBAU DER LAUTSPRECHERGRUPPE
1. Lösen Sie den Steckverbinder P602 zwischen Lautsprecher und Hauptchassis.
2. Entfernen Sie die acht (8) Schrauben, mit denen der Lautsprecher an der Schallwand befestigt ist.

HERAUSNEHMEN DER VT-PLATINE
Fassen Sie die Videotextplatine in der Mitte, und ziehen Sie sie nach oben aus dem Chassis heraus.

AUSBAU DER BILDRÖHRE
1. Ziehen Sie die Bildrohr-Platte vom Bildrohr ab.
2. Legen Sie das Gerät mit der Gehäusefront auf eine weiche Unterlage.
3. Entfernen Sie die vier (4) Schrauben, mit denen die Röhre an der Gehäusefront befestigt ist.
4. Heben Sie die Bildröhre vorsichtig aus dem Gehäuse heraus.

VORSICHT BEI DER HANDHABUNG DER BILDRÖHRE!!!
Wegen des hohen Vakuums und der großen Oberfläche erfordert die Handhabung der Bildröhre höchste Sorgfalt. Fassen Sie die Bildröhre beim Heben stets 'n u r am Bildschirmrand an, JEDOCH NIEMALS AM RÖHRENHALS!! Achten Sie außerdem darauf, daß die Röhre weder verkratzt noch übermäßigem Druck ausgesetzt wird. Im Falle eines Glasbruches kann es zu einer Implosion mit Personen- oder/und Sachschäden kommen.

Disassembly instructions

BACK CABINET REMOVAL
Remove 4-6 screws residing on the back cabinet and carefully separate the back cabinet from the front cabinet.

MAIN CHASSIS REMOVAL
Grasp both sides of the main chassis and pull it backward smoothly.

SPEAKER ASSY REMOVAL
1. Remove P602 connector between the speaker and the main chassis.
2. Remove 8 screws holding speaker to the front cabinet.

TXT BOARD REMOVAL
Grasp the center area of the TXT board and then pull it up.

CPT REMOVAL
1. Pull out the CPT board from the CPT neck.
2. Place the front cabinet on soft material.
3. Remove 4 nuts securing the picture tube mounting brackets to the front cabinet.
4. Carefully separate CPT from the front cabinet.

PICTURE TUBE HANDLING CAUTION!!!
Due to high vacuum and large surface area of picture tube, great care must be exercised when handling picture tube. Always lift picture tube by grasping it firmly around faceplate. NEVER LIFT TUBE BY ITS NECK! The picture tube must not be scratched or subjected to excessive pressure as fracture of glass may result in an implosion of considerable violence which can cause personal injury or property damage.

Important note

This set is disconnected from the power supply through the converter transformer. An isolating transformer is necessary for service operations on the primary side of the converter transformer.

Para su observación

Este aparato está separado de la red de alimentación por medio des transformador-convertidor. Se necesita un transformador de separación al hacer trabajos de servicio técnico en el primario de este transformador.

Istruzioni di smontaggio

RIMOZIONE DEL MOBILE POSTERIORE
Togliere le 4-6 viti che fissano il mobile posteriore e separare accuratamente il mobile posteriore dal mobile anteriore.

RIMOZIONE DEL TELAIO PRINCIPALE
Afferare il telaio principale sui due lati ed estrarlo delicatamente verso il retro.

RIMOZIONE DEL GRUPPO ALTOPARLANTI
1. Estrarre il connettore P602 fra gli altoparlanti e il telaio principale.
2. Togliere le 8 viti che fissano gli altoparlanti al mobile anteriore.

RIMOZIONE DELLA SCHEDA TXT
Afferrare la parte centrale della scheda ed estrarla.

RIMOZIONE DEL CINESCOPIO CPT
1. Estrarre la scheda CPT dal collo del cinescopio.
2. Appoggiare il mobile anteriore su materiale morbido in modo da non danneggiare la superficie anteriore o i pulsanti di comando.
3. Togliere i 4 dadi che fissano le alette del cinescopio al mobile anteriore.
4. Separare accuratamente il cinescopio dal mobile anteriore.

PRECAUZIONI NEL MANEGGIARE IL CINESCOPIO!!!
Si faccia attenzione che, a causa del vuoto spinto all'interno del cinescopio e della superficie anteriore molto estesa, occorre maneggiare il cinescopio con molta cautela. Si sollevi il cinescopio prendendolo sempre fermamente intorno alla superficie frontale. NON SOLLEVARE MAI IL CINESCOPIO PRENDENDOLO DAL COLLO.! Non si deve mai graffiare nè sottoporre ad eccessiva pressione il cinescopio. Una frattura nel vetro potrebbe causare un'implosione di elevata violenza che, a sue volta, potrebbe causare danni alle persone o al patrimonio.

Instrucciones de desarmado

DESMONTAJE DE LA CUBIERTA TRASERE
Quitar los 4-6 tornillos situados en la cubierta trsera y separarla de la cubierta delantera.

DESMONTAJE DEL CHASIS PRINCIPAL
Sostener el chasis principal por ambos lados y tirar hacia atrás de manera uniforme.

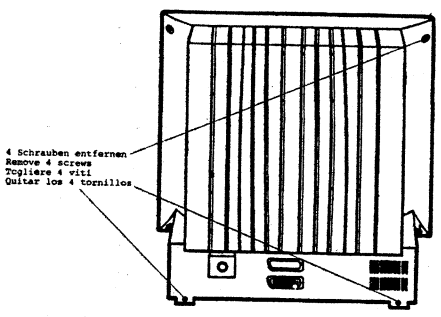
DESMONTAJE DEL JUEGO DE PARLANTES
1. Retirar el conector P602 ubicado entre el parlante y el chasis principal.
2. Retirar los 8 tornillos que sujetan los paralantes a la cubierta dalantera.

DESMONTAJE DE LA TARJETA DE TELETEXTO
Sujetar la tarjeta de teletexto por su parte central y tirar hacia arriba

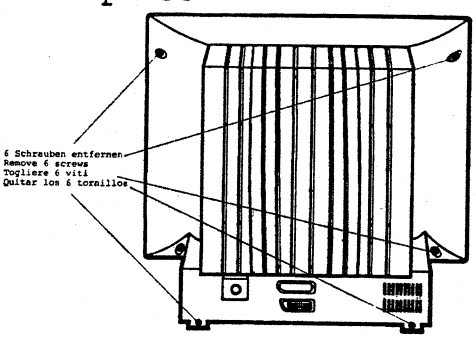
DESMONTAJE DEL T.I.C.
1. Retirar la tarjeta del T.I.C. del cuello del tubo.
2. Colocar la cubierta delantera sobre un material blando, para evitar que se estropee la superficie
3. de la misma o que se dañe el panel de control.
   Quitar las 4 tuercas que aseguran los soportes del tubo de imagen a
4. la cubierta delantera.
   Separar cuidadosamente el T.I.C de la cubierta delantera.

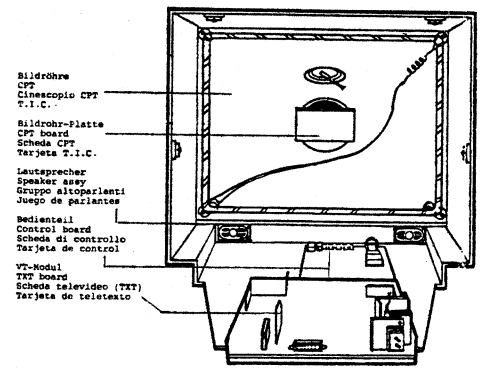
! PRECAUCION AL OPERAR CON EL TUBO DE IMAGEN !
Debido al alto vacío y a la gran superficie que presenta el tubo de imagen, se deberá tener el máximo cuidado cuando se opere con él. Levante el tubo imagen sujetándolo siempre con firmeza alrededor de su cara frontal. NUNCA LEVANTE EL TUBO POR EL CUELLO. El tubo imagen no debe ser raspado ni sometido a una presión excesiva, puesto que la fractura del vidrio puede dar como resultado una implosión de considerable violencia que ocasione daños materiales o personales.

Concept 40



Concept 55





Concept 40		Art.-Nr. 51401
Concept 40	VT	Art.-Nr. 51441
Concept 55		Art.-Nr. 51402
Concept 55	VT	Art.-Nr. 51444

Änderungen vorbehalten
Con riserva di modifiche / Subject to modification / Salvo modificaciones

C 8600 MONO

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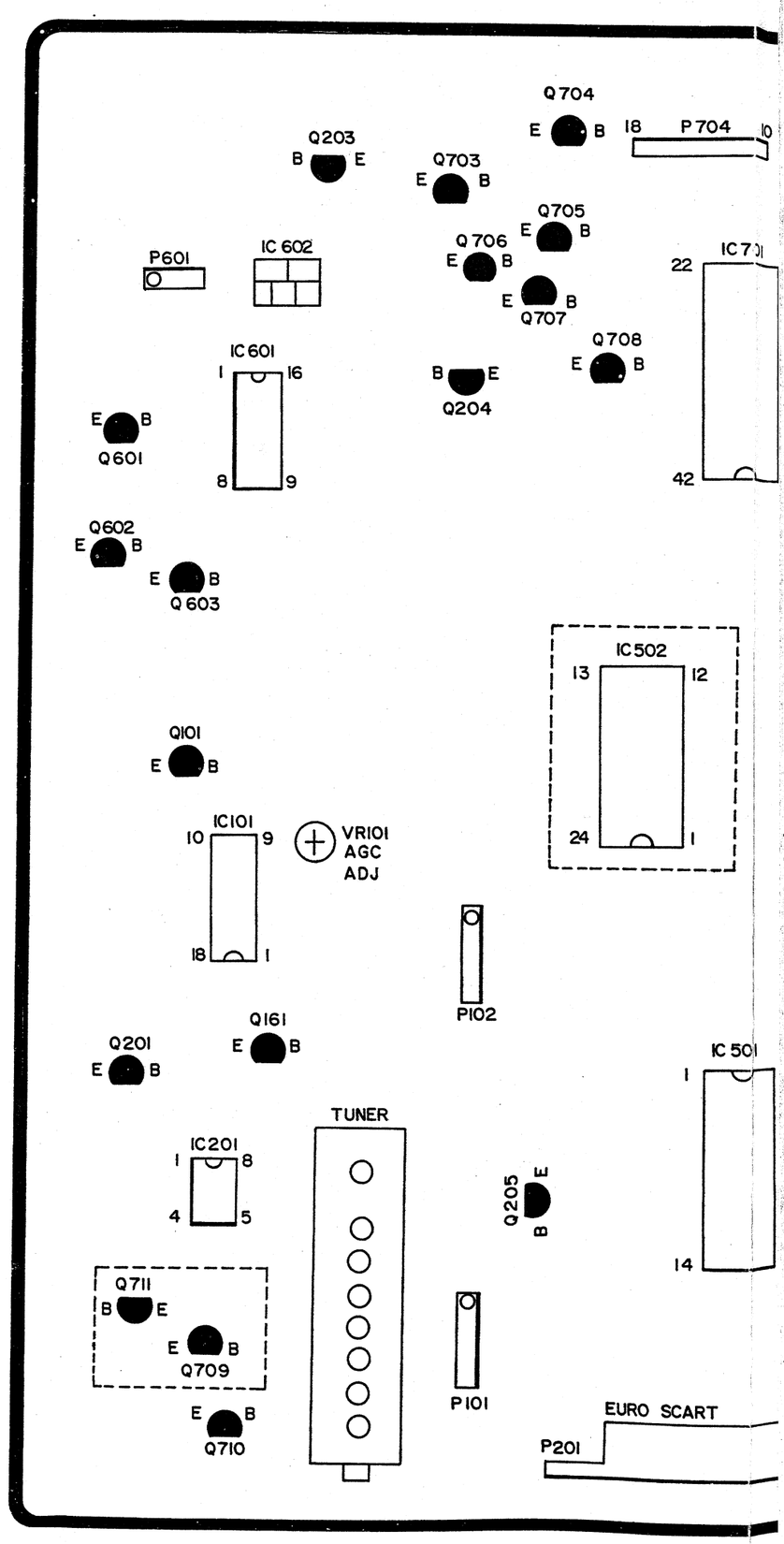
Telefon (0 92 61) 9 90. Telex 642 620.
Telefax 0 92 61/9 94 13.
Telegramm loewevideo.
Bildschirmtext *50 705 # (Info).
*50 705990 # (ET-Best.).

Ausgabe / edizione / edition / edición
230-21132 1-12-91

P/N: 483-765A

Abgleich-Anweisung / Istruzioni Allineamento / Adjustment procedure / Instrucción de igualación

Abgleich Allineamento Ajustment Ajustar	Signal Segnale Signal Senal	Voraussetzung Premesse Conditions Condición	Meßp./Indik. Pto. di mis/Indic. Mst. point/Indic. P. med./Indic.	Einstellung Regolazióne Ajustments Ajuste	Einstellwerte/Besonderheiter Particolarita della pos./Valori di pos. Settings/special features Valores de ajuste/Peculiarides	Oszillogr./Bildschirmdarst. Oscillogr./Illust. schermo Oscillogr./screen display Oscillógr./Repres. en pant.
B+ Betriebsspannung Tensione d esercizio Operating voltage Tensión de régimen	Testbild Immagine di prova Test pattern Carta de ajuste	220/230 V ~ ☼ ◉ ◐ max.	B+	VR 801	112 V ± 0,5 V 15" 118 V ± 0,5 V 21"	
TV hor. Frequenz Frequenza orizz. hor. frequency Frequencia hor.	"	C401 / Pin 5 ↔ Pin 9 kurzschließenl cortocircuitàre short-circuit cortocircuitar	Bildschirm Schermo Screen Pantalla	VR 402	Schwebung einstellen/Kurzschluß beseitigen Pos. su battimento/togliere cortocircuito Adjust for beat/remove short-circuit Ajustar batido/eleminar cortocircuito	
TV hor. Lage Posizione orizz. hor. position Posición hor.	"		"	VR 401	Optimale Einstellung Regolazióne ottimale Optimum setting Ajuste óptimo	
TV vert. Amplitude Ampiezza vert. vert. amplitude Amplitud vert.	"	☼ min.	"	VR 302		
vert. Linearität Linearita vert. vert. linearity Linealidad vert.	"	☼ min.	"	VR 301		
TV vert. Lage Posizione vert. vert. position Posición vert.	"		"	SW 301		
TV Focus Foco Focus Foco	"	☼ ◉ ◐ max.	"	Focus am Zeilentrafo Foco su trasformatore di righe Focus at line transformer Foco en el transfor. de lineas		
Tuner AGC Tuner-AGC AGC-tuner Tuner AGC Sintonizador AVR	" 1,5mV/75 Ohm	genau abstimmen sint. es attamente precise fine tuning sintonizar exactemente	TP 2	VR 101	auf 4,8 V ± 0,1 V einstellen Posizionare su 4,8 V ± 0,1 V Set to 4,8 V ± 0,1 V einstellen Ajustar a 4,8 V ± 0,1 V	
fo= 8,8 MHz Farbhilfsträger Osz. Einstellung Osz. del sottopor-Tante colore Sub-carrier oscillator adjustment Soporte auxiliar de lcolor de oscilador	Farbtestbild Immäg. di prova colore Colour test pattern Carte de ajuste en color	☼ ◉ ◐ max. IC.501/Pin 6 ↔ Pin 1 (12V) IC 501/Pin 21 ↔ Pin 22 kurzschließen cortocircuitàre short-circuit cortocircuitar	Bildschirm Schermo Screen Pantalla	TC 501	Schwebung einstellen/Kurzschluß beseitigen Pos. su battimento/togliere cortocircuito Adjust for beat/remove short-circuit Ajustar el batido cero./eleminar corto-circuito	
τ / ampl. Laufzeit Amplitude Ampiezza del tempo di transito Time delay amplitude Tiempo de propagación de amplitud	FuBk-Farbtestbild Immag. di prova colore (FuBk) Coulor test pattern (FuBk) Carte de ajuste (FuBk)	☼ ◉ ◐ max.	"	VR 501	Paarigkeit der Zeilen in den Untuntfeldern + V ± U auf Minimum einstellen Pos. l'accoppiamento delle righe nei campi acromatice + V ± U su minimo Set pairing in achromatic areas + V ± U to minimum Capacidad de pareado de las lineas en los campos acromáticos + V ± U à min.	
τ / φ Laufzeit Phase Phase del tempo di transito Time delay phase Tiempo de propagación de fase	"	☼ ◉ ◐ max.	"	L 504	Paarigkeit der Zeilen im (G–Y) = 0 oder ± V Feld auf Minimum einstellen Pos. su min l'accoppiamento delle righe nel campo (G–Y) = 0 o ± V Set pairing in (G–Y) = 0 or ± V area to min. Capacidad de pareado en las lineas en (G–Y) = 0 ó campo ± V a ajustar al min.	
Ug2 Schwarzwert Livello nero Black level Nivel de negro	"	☼ ◉ min. ◐ max.	"	Ug2 Regler am Zeilentrafo Regolat. Ug2 su trasfo. di righe Ug2 pot. at line transformer Ug2 en el transformatore de lineas	so einstellen, daß schwarze Bildanteile gerade anleuchten Girare che le parti nere d'immagine comminciano illuminarsi Set so that black picture components just light up / A ajustar de comiencen manera que precisamente a lucir las partes negras de la imagen	
Weißwert Livello biaco White level Nivel de blanco grün verde green verde	"	"	Grünkatode Catodo verde Green cathode Cátodo verde	VR 902	den Schwarzwert des Video-Signals solange verschieben, bis er konstant bleibt Spostare il valore nero del segnale video finché rimane costante Adjust the back value of the video signal until it remains constant El valor negro de la señal video se desplza hasta que permanezca constante	konstant
rot/rosso/red/rojo	"	Zweikanal Oszillograf Oscillografo due canali Two-channel oscilloscope Oscilógrafo de dos canales	Grün- u. Rotkatode Catodo verde/rosso Green/red cathode Cátodo verde/rojo	VR 901 VR 904	Deckung zu Grünsignal einstellen Impostare la copertura al segnale verde Adjust coincidence with green signal Ajuste la cubrición para señal verde	
	"	"	Grün- u.Blaukatode Catodo verde/blu Green/blue cathode Cátodo verde/azul	VR 903 VR 905	Deckung zu Grünsignal einstellen Impostare la copertura al segnale verde Adjust coincidence with green signal Ajuste la cubrición para señal verde	



trucción de igualación

nderheiter pos./Valori di pos. atures Peculiarides	Oszillogr./Bildschirmdarst. Oscillogr./Illust. schermo Oscillogr./screen display Oscillógr./Repres. en pant.
] [	
)/Kurzschluß beseitigen ogliere cortocircuito ove short-circuit nar cortocircuito	
e	
stellen ± 0,1 V einstellen . V	
/Kurzschluß beseitigen ogliere cortocircuito ve short-circuit o./eliminar corto-	
in den Unbuntfeldern einstellen delle righe nei V ± U su minimo natic areas + V ± U lo de las lineas en los + V ± U à min.	
im (G–Y) = 0 oder einstellen amento delle righe o ± V 0 or ± V area to min. lo en las lineas en V a ajustar al min.	
nwarze Bildanteile re d'immagine rsi ture components star de comiencen nente a lucir las magen	
Video-Signals solange onstant bleibt o del segnale video e of the video signal ant eñal video se desplza a constante	konstant
al einstellen a al segnale verde th green signal ra señal verde	
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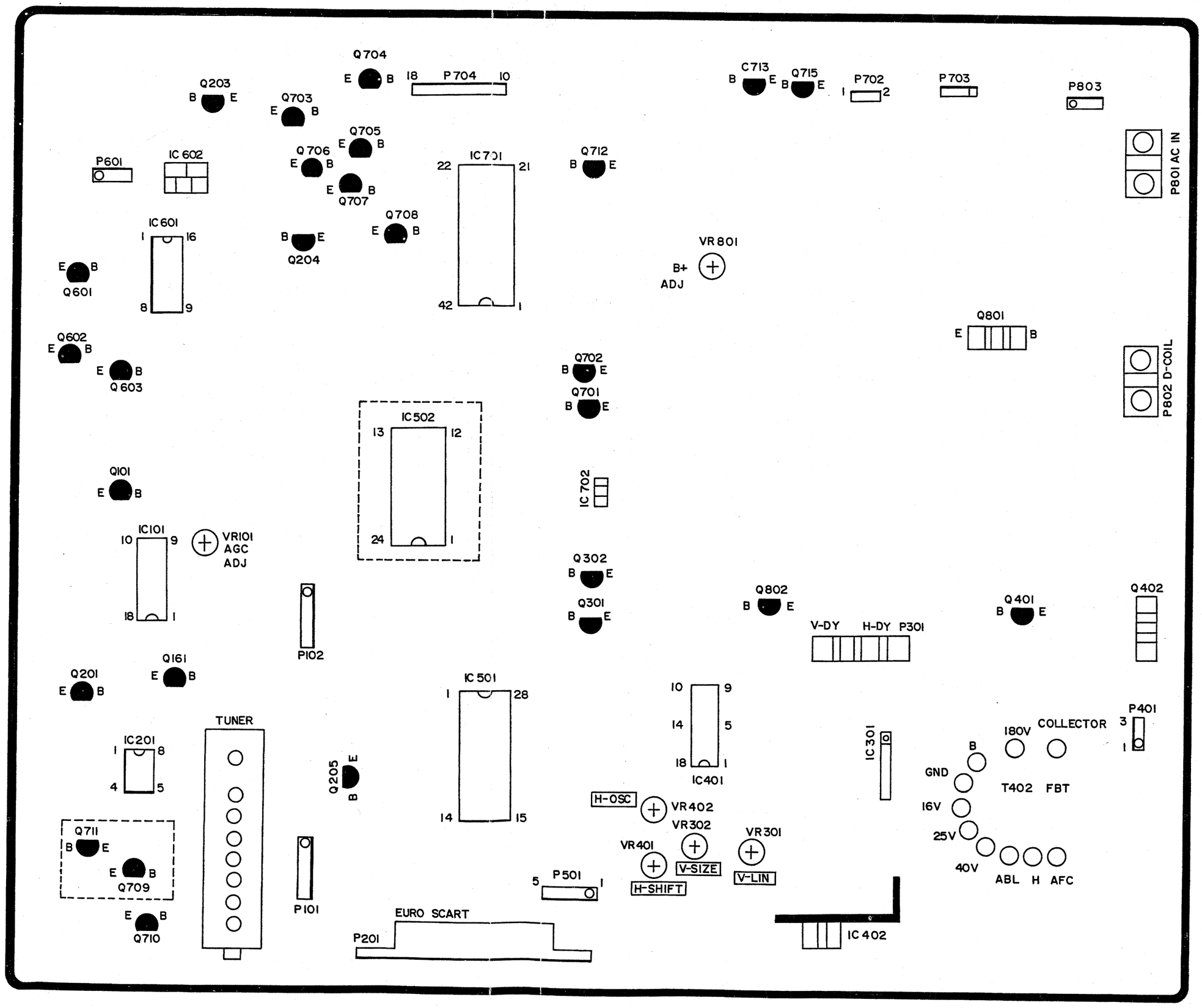
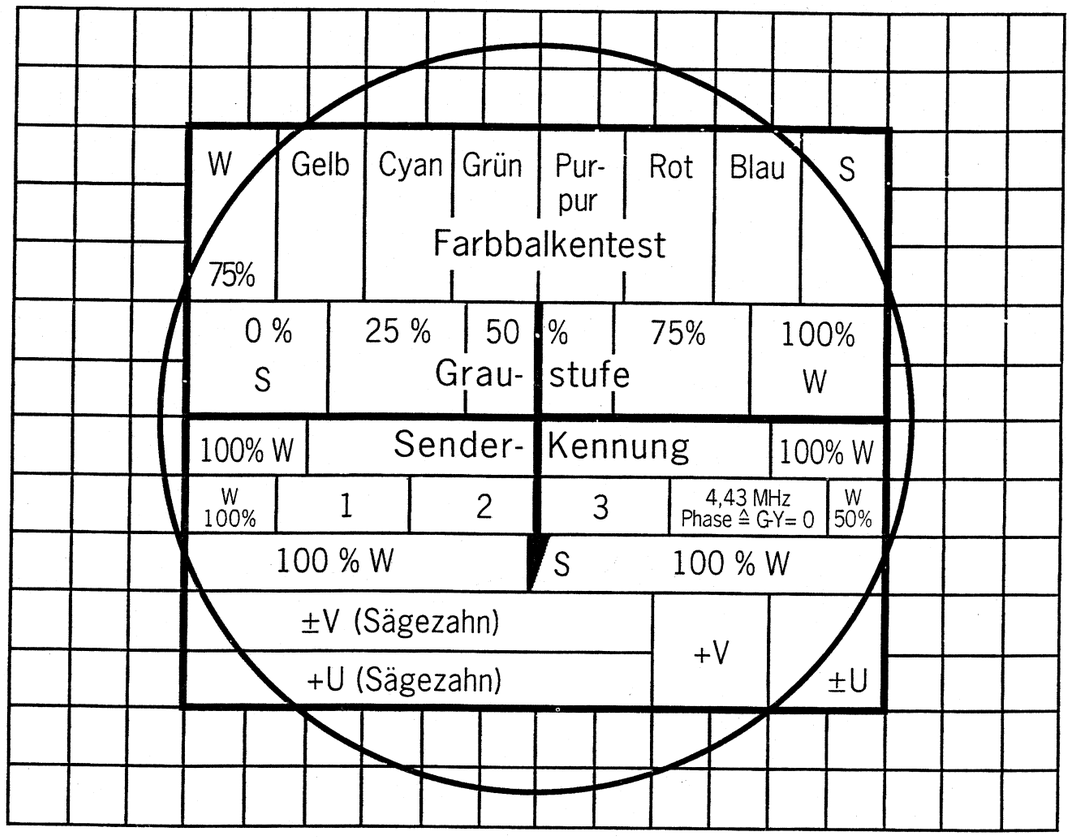
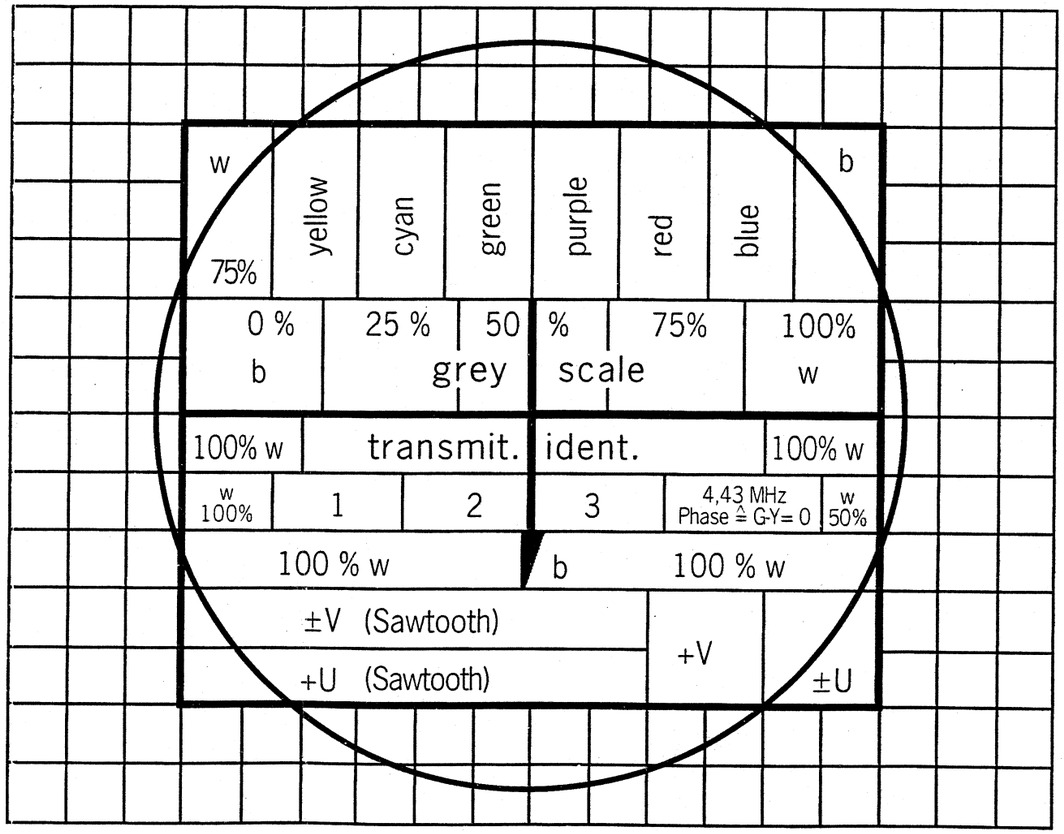


blau/blu/blue/bleu			Catodo verde/azul		Ajuste la cubrición para señal verde
		min norm	Bildschirm Schermo Screen Pantalla	VR 901	Unbuntes Bild einstellen! Die noch fehlenden Farben so einstellen (höchstens zwei Regler), daß das Bild in den dunklen Grautstufen unbunt erscheint Impostare immagine in bianco e nero! Impostare i colori ancora mancanti in modo tale (al massimo due regolatori) che l'immagine appaia nelle graduazioni grigie Adjust to obtain an achromatic picture! Adjust the missing colours (with not more then two controllers) so that the picture appears achromaticin the neutral steps ¡Ajuste una imagen sin color! Ajuste (dos reguladores como màximo) los colores que todavía faltan de forma que la imagen en los escalones grises aparezcan sin color
OSD OSD-Position Posizione OSD OSD position Posición OSD	"	Programmzahl wählen Selezionare il numero di programma Select programme number Seleccione el número de programa	"	TC 701	Programmzahl an den rechten Bildrand verschieben Spostare il numero di programma al bordo destro dell'immagine Push the programme number to the right-hand edge of the picture Desplace el número del programa al borde derecho de la imagen



FuBK-Farbtestbild
Immagina di prova colore (FuBK)



Colour test pattern (FuBK)
Carte de adjuste (FuBK)

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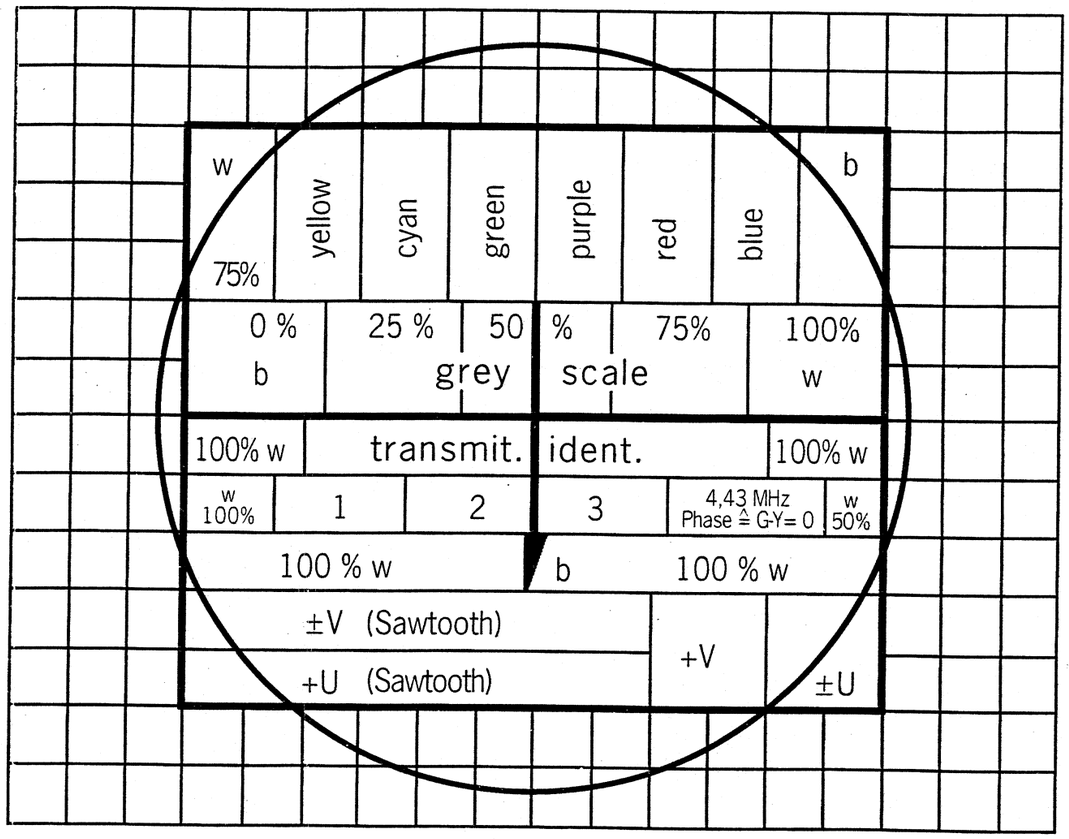

Colour test pattern (FuBK)
Carte de adjuste (FuBK)

⚠

Bauteile mit diesem Zeichen ⚠ , sind Sicherheitsbauteile und sollten nur durch Originalteile ersetzt werden.

Achtung!
Nur unter Verwendung der von unseren Service-Stellen gelieferten Ersatzteile, wird die Funktion und Betriebssicherheit unserer Geräte gewährleistet. Die Lieferung von positionsgebundenen Ausweichteilen behalten wir uns vor.

Liefermöglichkeit und Änderungen vorbehalten!

⚠

Components bearing this symbol ⚠ are safety components and should only replaced by genuine parts.

Important!
Proper funktion and reliability of our sets is only ensured if the spare parts supplied by our service stations are used We reserve the right to supply alternative item-linked parts.

Subject to availability and modification!

⚠

Componenti con il simbolo ⚠ sono di sicurezza e devono essere sostituiti solo con pezzi originali.

Attenzione!
Solo impiegando i ricambi forniti dai nostri punti di assistenza, è garantito il funzionamento e la sicurezza d'esercizio dei nostri apparecchi. Ci riserviamo la fornitura di pezzi di ripiego legati a determinate posizioni.

Con riserva di disponibilitá e di modifiche!

⚠

Los componentes con este signo ⚠ , son componentes de seguridad y deberan reemplazarse unicamente por piezas originales.

¡Atención!
La función y seguridad de servicio de nuestros equipos se garantiza exclusivamente al utilizarse piezas de repuesto suministradas por nuestro servicio-técnico. Nos reservamos el derecho de suministrar piezas equivalentes para determinadas posiciones.

Reservas en las posiblidades de entrega y modificaciones.

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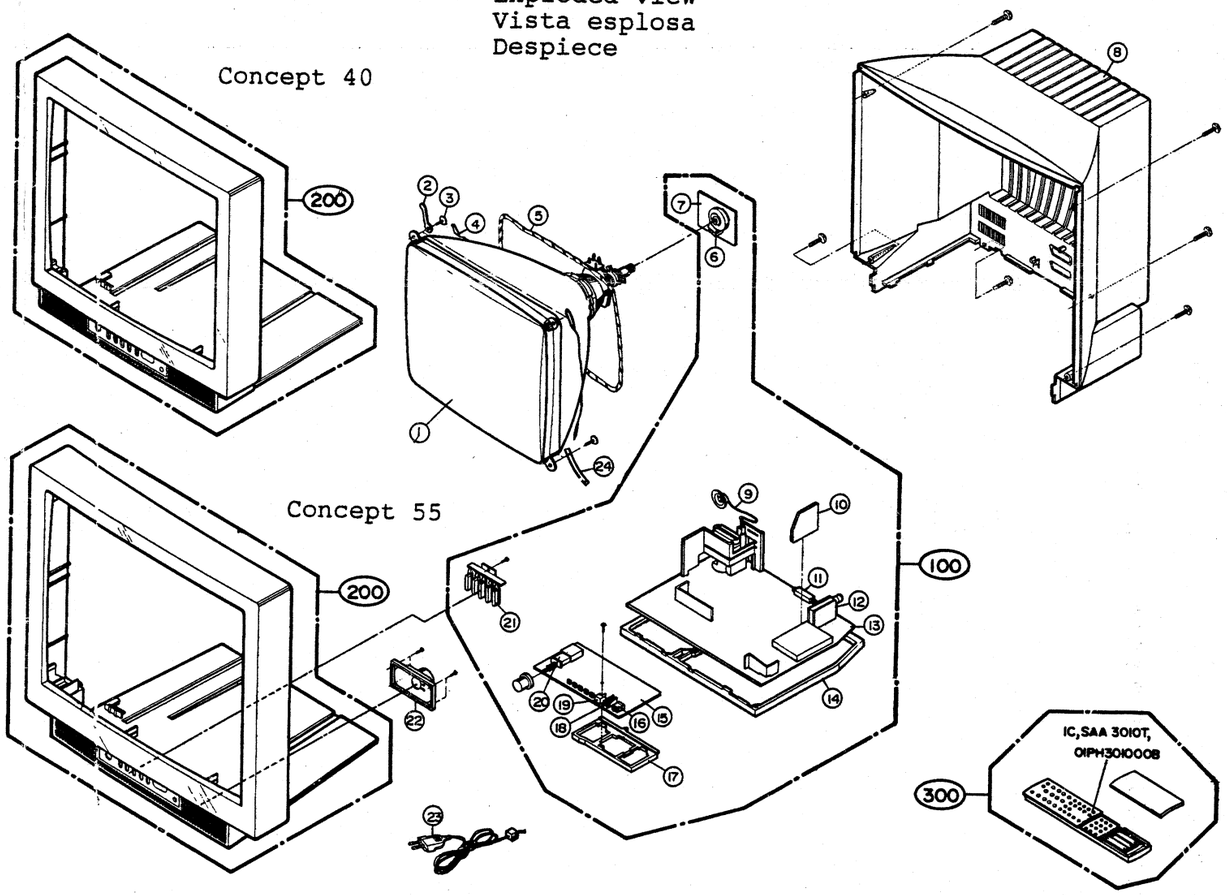
Explosionszeichnung
Exploded view
Vista esplosa
Despiece



Nr. No. N. N°	Teile-Bezeichnung Description Descrizione Descripción	Teile-Nr./Part No. N. Particolare/Pieza N°	
		Concept 40	Concept 55
1	Bildröhre/Picture tube/Cinescopio a colori/Tubo de imagen a color T.I.C.	345-90220.924	345-90220.943
2	Halter f. Entm.Sp./Holder assy, metal Aletta di metallo/Conjunto a sujecion	602-90220.962	602-90220.962
3	Sechskantschraube/Screw, hexagon head Vite, testa esagonale/Tornillo cabeza	438-90220.981	438-90218.975
4	Bildrohr-Erdung/Lead set, earth Set conduttori terra/Conexion a tierra	173-90218.944	173-90219.912
5	Entmagn.-Spule/Degaussing coil/Bobina di smagnetizzazione/B. Desmagnetizante	297-90219.931	297-90219.969
6	Bildrohrsockel/Socket, CPT/Connettore, cinescopio/Enchufe T.I.C.	320-90219.988	320-90220.906
7	Bilrohrplatte/PCB Assy, CPT/Scheda, cinescopio/Tarj.circ.impr.T.I.C.,conj.	396-90220.925	39690220.944x
8	Gehäuserückwand/Cover, back/Mobile posteriore/Cubierta posterior	775-90220.963	775-90220.982
9	Zeilentrafo/FBT/F.B.T.	276-90219.913	276-90218.997
10	Videotext-Modul, PCB Assy, TXT/Scheda, televideo/Tarj.circ.impr.texto, conj.	396-90219.932	396-90219.932
11	EURO-Buchse/Peri Con Assy, 21 Pin Scheda peritelevisione/Conec. perif.	323-90219.951	323-90219.951
12	Tuner/Sintonizador	260-90219.989	260-90219.989
13	Hauptplatine Chassis/PCB Assy, Main Scheda principale Tarj. circ. impr. princ, conj.	396-90220.907	396-90219.915
14	Chassisrahmen/Frame, Main Chassis Telaio principale/Bastidor, chasis pr.	549-90220.926	549-90220.926
15	Bedienteil/PCB Assy, control Scheda di controllo Tarj. circ. impr. control, conj.	396-90220.945	396-90220.945
16	Kopfhörerbuchse/Jack, Headphone Presa jack per cuffia Conector p. auriculares	323-90220.964	323-90220.964
17	Halter, Bedienteil/Holder, Control PCB upporto scheda di controllo Soporte tarj. circ. impr. control	549-90220.983	549-90220.983
18	Halter, LED/Holder, LED/Supporto LED Soporte LED	602-90221.901	602-90221.901
19	IR-Vorverstärker/Pre-Amp, IR Preamplificatore/Pre-amplificador	353-90218.977	353-90218.977
20	Netzschalter/Switch, Main/Interruttore principale/Interruptor principal	471-90218.996	471-90218.996
21	Bedientasten/Switch, Tact/Blocco tasti Interruptor (Pulsador)	467-90219.914	467-90219.914
22	Lautsprecher (R,L)/Speaker Assy (R&L) Gruppo altoparlanti (destro, sinistro) Parlante, conj. (Derecho e izq.)	272-90219.933	272-90219.934
23	Netzkabel/Cord Assy, Power/Cavo di rete/Cable de alimentacion, conjunto	170-90220.927	170-90220.927
24	Kabelhalterung/Holder, Lead Wire Supporto (cavo isol.)/Soporte, alambre conductor	602-90220.965	602-90219.972

Nr. No. N. N°	Unterbaugruppen Sub Assy Subconjunto	Teile-Nr./Part No. N. Particolare/Pieza N°	
		Concept 40	Concept 55
100	Chassis kpl./Chassis Assy, Main Telaio principale cpl./Chasis principal, conjunto	884-90220.984	884-90219.991
200	Gehäuse/Cabinet, Assy/Mobile cpl. Cubierta, conjunto	750-90221.902	750-90220.909
300	IR-Fernbedienung/Transmitter Telecomando cpl./Transmisor	263-90218.978	263-90218.978

an, to, su, a
VT-Modul
Scheda televideo
Text board circ.
Teletexto
P102

P704 an Bedienteil TO C/B P804

P703 an Bedienteil TO C/B P805

P702 an Bedienteil TO C/B P805

P601 TO C/B P806

IC602 TDA2006 (SOUT)

IC601 U2840B (SIF)

IC101(VIF) U4439BG

IC701 (u-COM) ST6357 GS8114-01B

IC501 TDA3561A(PAL)

IC401 TDA2579 (HOR.)

IC702 KIA7805

IC301 LA7830 (V-OUT)

T401 H-DRIVE

L102 (AFT)

L103 (VIF)

MATRIX

an Bedienteil P703 TO C/B P805

an Bedienteil P702 TO C/B P805

an Bedienteil P803 TO C/B P803

an Bedienteil P801 TO C/B P801

an Entmag.-Spule P802

Videotext-Modul
TEXT CIRCUIT BOARD
Scheda Televideo
Tarjeta de circuito de teletexto

IC1 SAA5231

IC2 SAA5243P/E

IC3 GD76C

IC401 TDA2579 (HOR.)

IC801 (SMPS)TDA4601

IC702 KIA7805

IC301 LA7830 (V-OUT)

IC402 KIA 7812

T801 SMPS TRANS

T401 H-DRIVE

T402 FBT

P301 H COIL / V COIL

TP3 B+ ADJ.

HEATER

FOCUS

HV

SCREEN

COLOR SYNC.

MATRIX

Infrarot-Fernbedienung/ Telecomando infrarossi/ Infrared remo:e control
Mando a distancia por infrarrojos

IC1 SAA3010T

Bedienteil
CONTROL BOARD
scheda di controllo
circuito di control

an, to, su, a
Netz, Mains, Rete
(230Vac)

an Bedienteil P803 TO C/B P803

an Bedienteil P801 TO C/B P801

an Entmag.-Spule P802 D-COIL

Videotext-Modul
TEXT CIRCUIT BOARD
Scheda Televideo
Tarjeta de circuito de teletexto

IC1 SAA5231

IC2 SAA5243P/E

IC3 SRAM GD76C88-15

IC4 PCB83C654

IC5 X24C02P

IC6 GL7808

IC7 GL7805

IC402 KIA 7812

P101 CVBS R G B FB NON INTL

P102 SCL SDA GND 12V

T801 SMPS TRANS

IC801 (SMPS)TDA4601

T402 FBT

P301 H COIL V COIL

Infrarot-Fernbedienung/ Telecomando infrarossi/ Infrared remo:e control
Mando a distancia por infrarrojos

IC1 SAA3010T

Bedienteil
CONTROL BOARD
scheda di controllo
circuito de control

CH/UP CH/DOWN VOL/UP VOL/DOWN PICTURE PRE-AMP STAND-BY LAMP H/P

P803 P801 P802 P804 P704 P805 P703 P807 P806

an, to, su, a Netz, Mains, Rete (230Vac)

P801

an, to, su, a Chassis, Chasis Scheda princ. P702

an Lautsprecher ad altoparlante al parlante

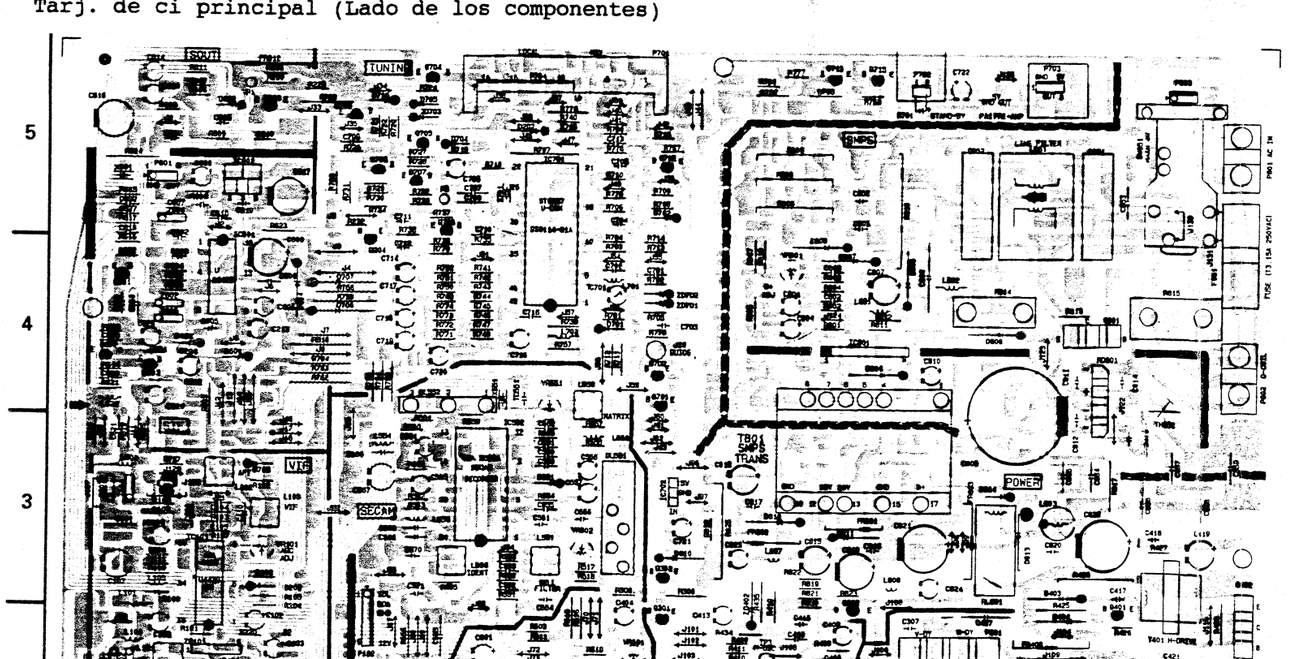
TO SPEAKER

SOUND IN an, to, su, a Chassis, Chasis Scheda princ P 601

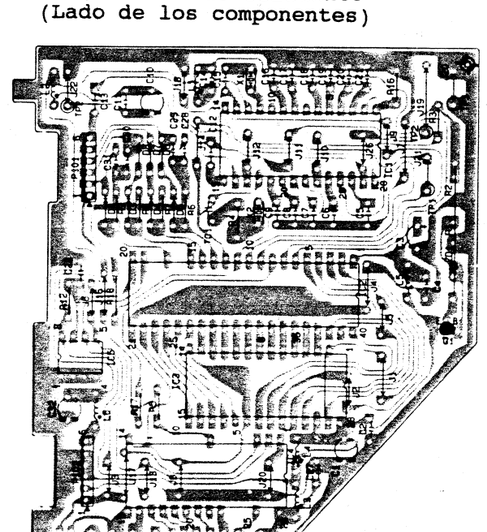
an, to, su, a
VT-Modul
Scheda televideo
Text board circ.
Teletexto
P101

P201
EURO SCART
Peritelevisione

Chassisansicht (Bestückungsseite) mit Koordinaten-System
Main P.C. Board (component side)
Scheda principale (Lato componenti)
Tarj. de ci principal (Lado de los componentes)



Videotext-Modul (Bestückungsseite)
TXT P.C. Board (component side)
Scheda di televideo (Lato componenti)
Tarj. de ci de Teletexto
(Lado de los componentes)



Bildrohrplatte (Bestückungsseite)
CPT P.C. Board (component side)
Scheda del tubo (Lato componenti)
Tarj. de ci del tubo (Lado de los componentes)

Liste zum Bauteillageplan
Component location guide
Guida sulla ubicazione dei componenti
Guia para la ubicacion de componente

R101 1D	R512 2E	R742 2B	C111 1C	C554 2C	C853 5A	
R102 1C	R513 2E	R743 2B	C161 1D	C555 2C	C854 5C	
R103 1C	R514 3D	R744 2B	C162 1D	C556 3C	C855 5C	
R104 1D	R515 3D	R745 2B	C163 1D	C557 3C	C856 5C	
R105 1C	R516 3D	R746 2B	C164 1D	C558 3C	C857 5C	
R106 1D	R517 3C	R747 2B	C165 1E	C559 2C	C858 5C	
R107 1C	R518 3C	R748 2B	C166 1E	C560 2C	C859 5C	
R108 1C	R519 3D	R750 2B	C167 1E	C561 2C		
R109 1C	R520 3D	R751 2B	C168 1E	C562 2C	D102 2D	
R110 1C	R521 3D	R752 2B	C169 1E	C563 2D	D201 2D	
R111 1C	R522 3E	R753 2B	C170 2C	C564 2C	D202 2D	
R112 1C	R523 3E	R754 2B	C171 1D	C565 2C	D203 2D	
R161 1E	R524 3E	R755 2B	C201 1D	C566 2C	D204 2D	
R162 1D	R551 2C	R756 2B	C202 1D	C567 2C	D208 1C	
R163 1D	R552 2C	R757 2B	C203 1E	C568 2C	D301 2C	
R164 1D	R553 2C	R758 2B	C204 1B	C569 2C	D401 3C	
R165 1E	R554 2C	R759 1E	C212 3E	C570 2C	D402 3C	
R166 1D	R555 2C	R760 1E	C213 1B	C571 2C	D403 3C	
R167 1D	R556 3C	R761 1E	C218 3E	C601 1C	D404 5C	
R169 1E	R557 3C	R762 1B	C219 2E	C602 1A	D405 5C	
R201 1D	R558 2D	R763 1B	C220 2E	C603 1B	D406 4C	
R203 1D	R559 2B	R764 1B	C301 4D	C604 1B	D407 4C	
R204 1E	R560 2C	R765 4A	C302 4D	C605 1B	D408 5C	
R205 1D	R561 2C	R766 3A	C303 4D	C606 1B	D409 3C	
R206 1E	R562 2C	R767 3A	C304 4D	C607 1A	D410 3C	
R207 2E	R563 2C	R768 4A	C305 4D	C608 1B	D551 2C	
R208 2E	R564 2B	R769 3A	C307 4D	C609 1B	D601 1C	
R209 1B	R565 2C	R770 2B	C308 4D	C610 1A	D602 1C	
R214 3E	R601 1C	R771 2B	C309 4D	C611 1A	D603 1C	
R215 3E	R602 1B	R772 2B	C401 4D	C612 1A	D604 1C	
R220 1D	R603 1B	R773 2B	C402 4E	C613 1A	D701 4A	
R223 2D	R604 1B	R774 2B	C403 4E	C614 1A	D701 3E	
R228 1A	R605 1A	R775 3A	C404 3D	C615 1A	D703 2A	
R229 2D	R606 1A	R776 3A	C405 3C	C616 1A	D704 2A	
R230 1A	R607 1A	R777 3A	C406 4D	C617 1A	D705 2A	
R231 1A	R608 1A	R778 2A	C407 4D	C618 1A	D706 2E	
R232 2A	R609 1A	R779 3B	C408 4D	C619 1A	D707 2E	
R234 2D	R610 1A	R780 2B	C409 4D	C620 1B	D709 1C	
R301 4E	R611 1A	R801 4B	C410 3D	C621 1C	D710 2A	
R302 4D	R612 1B	R802 4B	C411 3D	C622 1A	D801 4E	
R303 4D	R613 1A	R803 4B	C412 3D	C623 1B	D805 4E	
R304 4D	R614 1B	R804 4B	C413 3D	C624 1B	D806 4E	
R305 4D	R615 1B	R805 3B	C414 3D	C625 1B	D807 4E	
R306 4E	R616 1C	R806 3A	C415 4D	C626 1B	D808 4E	
R307 4D	R617 1A	R807 3B	C416 3D	C627 1A	D809 4E	
R308 3C	R618 1B	R808 3A	C417 5C	C628 1B	D810 4E	
R309 3C	R619 1C	R809 3A	C418 5C	C701 3B	D811 4C	
R310 4D	R620 1B	R810 3B	C419 5C	C702 3B	D812 3C	
R401 4D	R621 1B	R811 4B	C420 5D	C703 3B	DL501 2E	
R402 4D	R622 1B	R812 4B	C421 5D	C704 3A	DL502 2E	
R403 4E	R623 1A	R813 5B	C422 4E	C705 3A	DL551 2E	
R404 3E	R624 1A	R814 4B	C423 5E	C706 2A	DL552 2E	
R405 4D	R625 1C	R815 5B	C424 4E	C707 2A	RD801 5E	
R406 4D	R701 3B	R816 3A	C425 4E	C708 2A	ZD201 2C	
R407 4D	R702 3B	R817 5C	C426 4D	C709 2A	ZD402 3C	
R408 3D	R703 3B	R818 5C	C427 4D	C710 2A	ZD703 2A	
R409 3D	R704 3B	R819 4C	C428 4E	C711 2A		
R410 3D	R705 3B	R820 4C	C429 4E	C712 2B	L101 2C	
R411 3D	R706 3A	R821 4C	C430 4E	C713 3A	L102 2C	
R412 3D	R707 3A	R822 4C	C431 4E	C714 3A	L103 2C	
R413 3D	R708 3A	R823 4C	C432 4E	C715 3A	L104 2C	
R414 3D	R709 3A	R824 4C	C433 4E	C716 3A	L105 2C	
R415 3D	R710 3A	R825 4C	C434 4E	C717 3A	L106 2C	
R416 3D	R711 3A	R826 4C	C435 4E	C718 3A	L107 2C	
R417 3D	R712 3A	R827 4C	C436 4E	C719 3A	L108 2C	
R418 3D	R713 3A	R828 4C	C437 4E	C720 3A	L109 2C	
R419 3D	R714 3A	R829 4C	C438 4E	C721 3A	L110 2C	
R420 3D	R715 3A	R830 4C	C439 4E	C722 3A	L111 2C	
R421 3D	R716 3A	R831 4C	C440 4E	C723 3A	L112 2C	
R422 3D	R717 3A	R832 4C	C441 4E	C724 3A	L113 2C	
R423 3D	R718 3A	R833 4C	C442 4E	C725 3A	L114 2C	
R424 3D	R719 3A	R834 4C	C443 4E	C726 3A	L115 2C	
R425 3D	R720 3A	R835 4C	C444 4E	C727 3A	L116 2C	
R426 3D	R721 3A	R836 4C	C445 4E	C728 3A	L117 2C	
R427 3D	R722 3A	R837 4C	C446 4E	C729 3A	L118 2C	
R428 3D	R723 3A	R838 4C	C447 4E	C730 3A	L119 2C	
R429 3D	R724 3A	R839 4C	C448 4E	C731 3A	L120 2C	
R430 3D	R725 3A	R840 4C	C449 4E	C732 3A	L121 2C	
R431 3D	R726 3A	R841 4C	C450 4E	C733 3A	L122 2C	
R432 3D	R727 3A	R842 4C	C451 4E	C734 3A	L123 2C	
R433 3D	R728 3A	R843 4C	C452 4E	C735 3A	L124 2C	
R434 3D	R729 3A	R844 4C	C453 4E	C736 3A	L125 2C	
R435 3D	R730 3A	R845 4C	C454 4E	C737 3A	L126 2C	
R436 3D	R731 3A	R846 4C	C455 4E	C738 3A	L127 2C	
R437 3D	R732 3A	R847 4C	C456 4E	C739 3A	L128 2C	
R438 3D	R733 3A	R848 4C	C457 4E	C740 3A	L129 2C	
R439 3D	R734 3A	R849 4C	C458 4E	C741 3A	L130 2C	
R440 3D	R735 3A	R850 4C	C459 4E	C742 3A	L131 2C	
R441 3D	R736 3A	R851 4C	C460 4E	C743 3A	L132 2C	
R442 3D	R737 3A	R852 4C	C461 4E	C744 3A	L133 2C	
R443 3D	R738 3A	R853 4C	C462 4E	C745 3A	L134 2C	
R444 3D	R739 3A	R854 4C	C463 4E	C746 3A	L135 2C	
R445 3D	R740 3A	R855 4C	C464 4E	C747 3A	L136 2C	
R446 3D	R741 3A	R856 4C	C465 4E	C748 3A	L137 2C	
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R452 3D	R747 3A	R862 4C	C471 4E	C754 3A	L143 2C	
R453 3D	R748 3A	R863 4C	C472 4E	C755 3A	L144 2C	
R454 3D	R749 3A	R864 4C	C473 4E	C756 3A	L145 2C	
R455 3D	R750 3A	R865 4C	C474 4E	C757 3A	L146 2C	
R456 3D	R751 3A	R866 4C	C475 4E	C758 3A	L147 2C	
R457 3D	R752 3A	R867 4C	C476 4E	C759 3A	L148 2C	
R458 3D	R753 3A	R868 4C	C477 4E	C760 3A	L149 2C	
R459 3D	R754 3A	R869 4C	C478 4E	C761 3A	L150 2C	
R460 3D	R755 3A	R870 4C	C479 4E	C762 3A	L151 2C	
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R462 3D	R757 3A	R872 4C	C481 4E	C764 3A	L153 2C	
R463 3D	R758 3A	R873 4C	C482 4E	C765 3A	L154 2C	
R464 3D	R759 3A	R874 4C	C483 4E	C766 3A	L155 2C	
R465 3D	R760 3A	R875 4C	C484 4E	C767 3A	L156 2C	
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R467 3D	R762 3A	R877 4C	C486 4E	C769 3A	L158 2C	
R468 3D	R763 3A	R878 4C	C487 4E	C770 3A	L159 2C	
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R470 3D	R765 3A	R880 4C	C489 4E	C772 3A	L161 2C	
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R472 3D	R767 3A	R882 4C	C491 4E	C774 3A	L163 2C	
R473 3D	R768 3A	R883 4C	C492 4E	C775 3A	L164 2C	
R474 3D	R769 3A	R884 4C	C493 4E	C776 3A	L165 2C	
R475 3D	R770 3A	R885 4C	C494 4E	C777 3A	L166 2C	
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R477 3D	R772 3A	R887 4C	C496 4E	C779 3A	L168 2C	
R478 3D	R773 3A	R888 4C	C497 4E	C780 3A	L169 2C	
R479 3D	R774 3A	R889 4C	C498 4E	C781 3A	L170 2C	
R480 3D	R775 3A	R890 4C	C499 4E	C782 3A	L171 2C	
R481 3D	R776 3A	R891 4C	C500 4E	C783 3A	L172 2C	
R482 3D	R777 3A	R892 4C	C501 4E	C784 3A	L173 2C	
R483 3D	R778 3A	R893 4C	C502 4E	C785 3A	L174 2C	
R484 3D	R779 3A	R894 4C	C503 4E	C786 3A	L175 2C	
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R486 3D	R781 3A	R896 4C	C505 4E	C788 3A	L177 2C	
R487 3D	R782 3A	R897 4C	C506 4E	C789 3A	L178 2C	
R488 3D	R783 3A	R898 4C	C507 4E	C790 3A	L179 2C	
R489 3D	R784 3A	R899 4C	C508 4E	C791 3A	L180 2C	
R490 3D	R785 3A	R900 4C	C509 4E	C792 3A	L181 2C	
R491 3D	R786 3A	R901 4C	C510 4E	C793 3A	L182 2C	
R492 3D	R787 3A	R902 4C	C511 4E	C794 3A	L183 2C	
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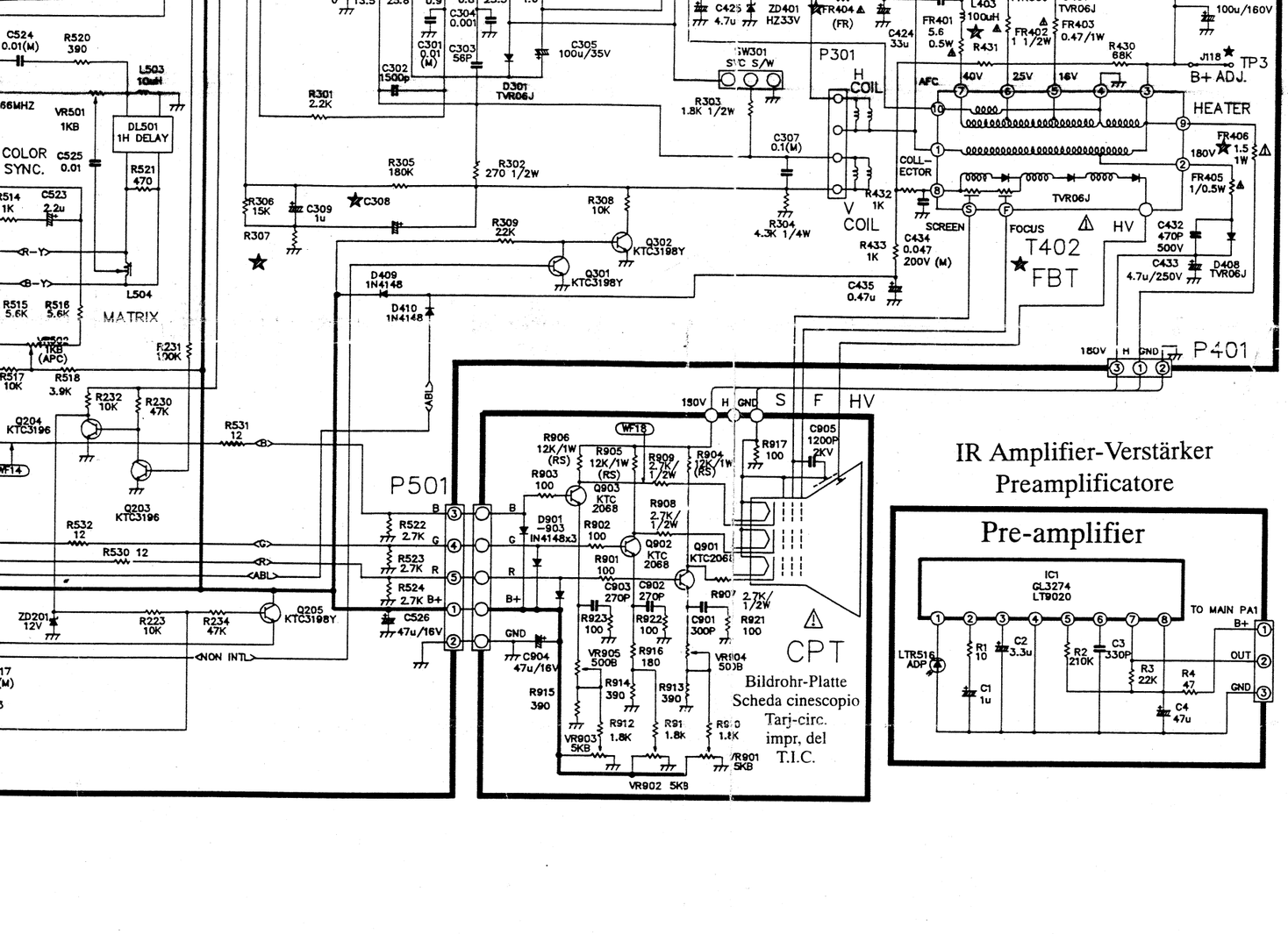
R497 3D	R792 3A	R907 4C	C516 4E	C799 3A	L188 2C	
R498 3D	R793 3A	R908 4C	C517 4E	C800 3A	L189 2C	
R499 3D	R794 3A	R909 4C	C518 4E	C801 3A	L190 2C	
R500 3D	R795 3A	R910 4C	C519 4E	C802 3A	L191 2C	
R501 3D	R796 3A	R911 4C	C520 4E	C803 3A	L192 2C	
R502 3D	R797 3A	R912 4C	C521 4E	C804 3A	L193 2C	
R503 3D	R798 3A	R913 4C	C522 4E	C805 3A	L194 2C	
R504 3D	R799 3A	R914 4C	C523 4E	C806 3A	L195 2C	
R505 3D	R800 3A	R915 4C	C524 4E	C807 3A	L196 2C	
R506 3D	R801 3A	R916 4C	C525 4E	C808 3A	L197 2C	
R507 3D	R802 3A	R917 4C	C526 4E	C809 3A	L198 2C	
R508 3D	R803 3A	R918 4C	C527 4E	C810 3A	L199 2C	
R509 3D	R804 3A	R919 4C	C528 4E	C811 3A	L200 2C	
R510 3D	R805 3A	R920 4C	C529 4E	C812 3A	L201 2C	
R511 3D	R806 3A	R921 4C	C530 4E	C813 3A	L202 2C	



Konversionstabelle
Conversion table
Tabella di conversione pollici
Tabla para la Conversion de pulgadas

Bildschirmdiagonale/INCH/Pollici/Pulgadas			
Bauteil Nr. Circuit No. N. circuito Circuito N°	15"	21"	Bemerkungen Remark Osservazione Observaciones
R307	1R	0R91	Metallfilm-Wi Metal oxide re Resistore in metallo/Resis oxido metalic
R431	75k	62k	
FR404 FR406	1k2/0,5W 3R9/1W	560R/0,5W 1R5/1W	Sicherungs-Wi Fusible Resis Resistore con Resistor fusi
C308	2200u/16V	1000u/16V	
C421 C427	7n3/1,6kV 390n/200V	8n2/1,6kV 470n/200V	MPP-Kondens../ Condensatore/C
L401	6mH8	6mH8	Impulsdrossel/ coil/Bobina ar sione/Bobina
L402	150-224L	150-224C	Linearitätsdrc Linearity coil Bobina di line Bobina de line
T402	154-177B	154-194D	Zeilentrafo/FB
CPT	A36EA11X01	A51KPD12XX	Bildröhre/CPT

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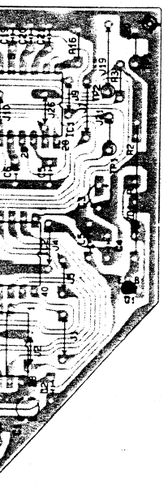

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Liste zum Bauteillageplan
Component location guide
Guida sulla ubicazione dei componenti
Guia para la ubicacion de componentes

R101	1D	R512	2E	R742	2B	C111	1C	C554	2C	C853	5A	Q205	2E		
R102	1C	R513	2E	R743	2B	C161	1D	C555	2C	C854	5C	Q301	3D		
R103	1C	R514	3D	R744	2B	C162	1D	C556	3C	C855	5C	Q302	3C		
R104	1D	R515	3D	R745	2B	C163	1D	C557	3C	C856	5C	Q401	5D		
R105	1C	R516	3D	R746	2B	C164	1D	C558	3C	C857	5C	Q402	5C		
R106	1D	R517	3C	R747	2B	C165	1E	C559	2C	C858	5C	Q601	1B		
R107	1C	R518	3C	R748	2B	C166	1E	C560	2C	C859	5C	Q602	1B		
R108	1C	R519	3D	R750	2B	C167	1E	C561	2C			Q603	1B		
R109	1C	R520	3D	R751	2B	C168	1E	C562	2C	D102	2E	Q701	3B		
R110	1C	R521	3D	R752	2B	C169	1E	C563	2D	D201	2D	Q702	3B		
R111	1C	R522	3E	R753	2B	C170	1E	C564	2C	D202	2A	Q703	2A		
R112	1C	R523	3E	R754	2B	C171	1D	C565	2C	D203	2E	Q704	2A		
R161	1E	R524	3E	R755	2B	C201	1D	C566	2C	D204	2E	Q705	2A		
R162	1D	R551	2C	R756	2B	C202	1D	C567	2C	D208	1C	Q706	2A		
R163	1D	R552	2C	R757	2B	C203	1E	C568	2C	D301	4D	Q707	2A		
R164	1D	R553	2C	R758	2B	C204	1B	C569	2C	D401	3D	Q708	2A		
R165	1D	R554	2C	R759	1E	C212	3E	C570	2C	C402	3E	Q709	1E		
R166	1D	R555	2C	R760	1E	C213	1B	C571	2C	D403	5C	Q710	1E		
R167	1D	R556	3C	R761	1E	C218	3E	C601	1C	D404	5D	Q711	1E		
R169	1E	R557	3C	R762	1B	C219	2E	C602	1A	D405	5E	Q712	3A		
R201	1D	R558	2D	R763	1B	C220	2E	C603	1B	D406	4E	Q713	4A		
R203	1D	R559	2B	R764	1B	C301	4D	C604	1B	D407	4E	Q715	4A		
R204	1E	R560	2C	R765	4A	C302	4D	C605	1B	D408	5D	Q801	5B		
R205	1D	R561	2C	R766	3A	C303	4D	C606	1B	D409	3E	Q802	4D		
R206	1E	R562	2C	R767	3A	C304	4D	C607	1A	D410	3E				
R207	2E	R563	2C	R768	4A	C305	4D	C608	1B	D551	2C	IC101	1C		
R208	2E	R564	2B	R769	3A	C307	4D	C609	1B	D601	1B	IC201	1D		
R209	1B	R565	2C	R770	2B	C308	4D	C610	1A	D602	1A	IC301	4D		
R214	3E	R601	1C	R771	2B	C309	4D	C611	1A	D603	1B	IC401	3D		
R215	3E	R602	1B	R772	2B	C401	4D	C612	1A	D604	1B	IC402	4E		
R220	1D	R603	1B	R773	2B	C402	4E	C613	1A	D701	4A	IC501	2D		
R223	2D	R604	1B	R774	2B	C403	4E	C614	1A	D701	3B	IC502	2C		
R228	1A	R605	1A	R775	3A	C404	3D	C615	1A	D702	3A	IC601	1B		
R229	2D	R606	1A	R776	3A	C405	4D	C616	1A	D703	1C	IC602	1A		
R230	1A	R607	1A	R777	3A	C406	4D	C617	1A	D704	2A	IC701	2A		
R231	1A	R608	1A	R778	2A	C407	4D	C618	1A	D705	2A	IC702	3C		
R232	2A	R609	1A	R779	3B	C408	4D	C619	1A	D706	2E	IC801	4B		
R234	2D	R610	1A	R780	3A	C409	4D	C620	1B	D707	2B				
R301	4E	R611	1A	R801	4B	C410	3D	C621	1C	D709	2B	P1	1A		
R302	4D	R612	1B	R802	4B	C411	3D	C622	1A	D710	2A	P2	2A		
R303	4D	R613	1A	R803	4B	C412	3D	C623	1B	D805	4B	PA1	4A		
R304	4D	R614	1B	R804	4B	C413	3D	C624	1B	D806	4B	P101	2E		
R305	4D	R615	1B	R805	3B	C414	3D	C625	1B	D807	4B	P102	2D		
R306	4E	R616	1C	R806	3A	C415	4D	C626	1B	D808	4B	P201	2E		
R307	4D	R617	1A	R807	3B	C416	3D	C627	1A	D809	4B	P301	4D		
R308	3C	R618	1B	R808	3A	C417	5C	C628	1B	D810	3C	P401	5D		
R309	3C	R619	1C	R809	3A	C418	5C	C701	3B	D811	4C	P501	3E		
R310	4D	R620	1B	R810	3B	C419	5C	C702	3B	D812	3C	P601	1A		
R401	4D	R621	1B	R811	4B	C420	5D	C703	3B	DL501	3E	P701	3A		
R402	4D	R622	1B	R812	4B	C421	5D	C704	3A	DL502	2E	P801	5A		
R403	4E	R623	1A	R813	5B	C422	4E	C705	3A	DL551	3C	P802	5B		
R404	3E	R624	1A	R814	4B	C423	5E	C706	2A	DL552	2B	P803	5A		
R405	4D	R625	1C	R815	5B	C424	4E	C707	2A	RD801	5B				
R406	4D	R701	3B	R816	3A	C425	4E	C708	2A	ZD201	2D	S1	1C		
R407	4D	R702	3B	R817	5C	C426	4D	C709	2A	ZD402	3C	S2	1D		
R408	4D	R703	3B	R818	3C	C427	4D	C710	2A	ZD703	2A	S3	1D		
R409	3D	R704	3B	R819	4C	C428	4E	C711	2A						
R410	3D	R705	3B	R820	4C	C429	4E	C712	2B	L101	1D	T401	5D		
R411	3D	R706	3A	R821	4C	C430	4E	C713	3A	L102	1C	T402	5E		

Halbleiter-Anschlussbelegungen
Terminal view of semiconductor
Terminali dei semiconduttori
Detalle de los semiconductores

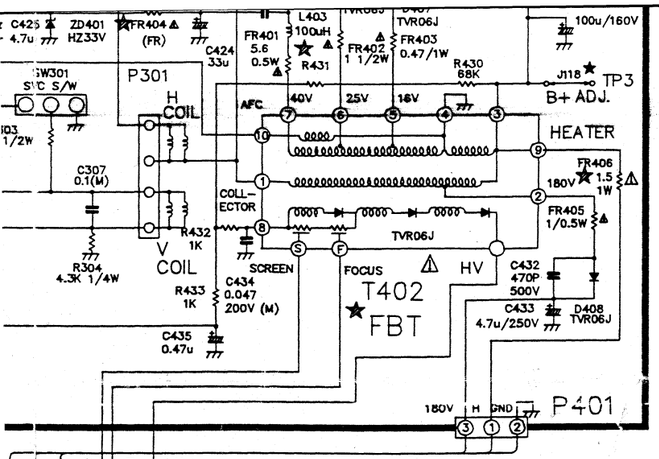
DIODEN/DIODE/DIODI/DIODO

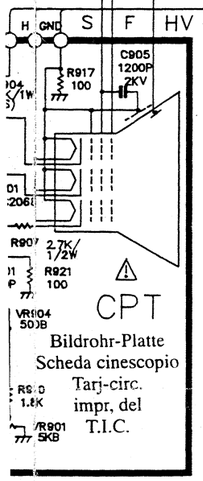
FIGURE	DESCRIPTION	REFERENCE NO.
	DS4148TA	D1~8, 102, 201, 204 409, 410, 601, 602 603, 702, 703~710 810, 814, 901~903
	IN4003TA	D403, 404
	TVR-06J	D301, 401, 402 405~408,604 805~809, 811, 812
	RB-156	RD801
	GU3C	D813
CATHODE ANODE	LAMP	LD701
	MTZ 5.6B	ZD1, 703
	MTZ 5.1B	ZD701, 702
	Z12BM	ZD402
	HZ33TE	ZD401

TRANSISTOREN/TRANSISTORS/TRANSISTORI/TRANSISTORES

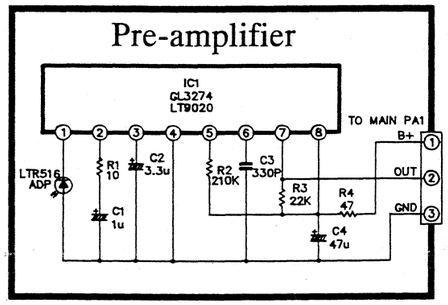
E C B	KTD1555	Q402, 801

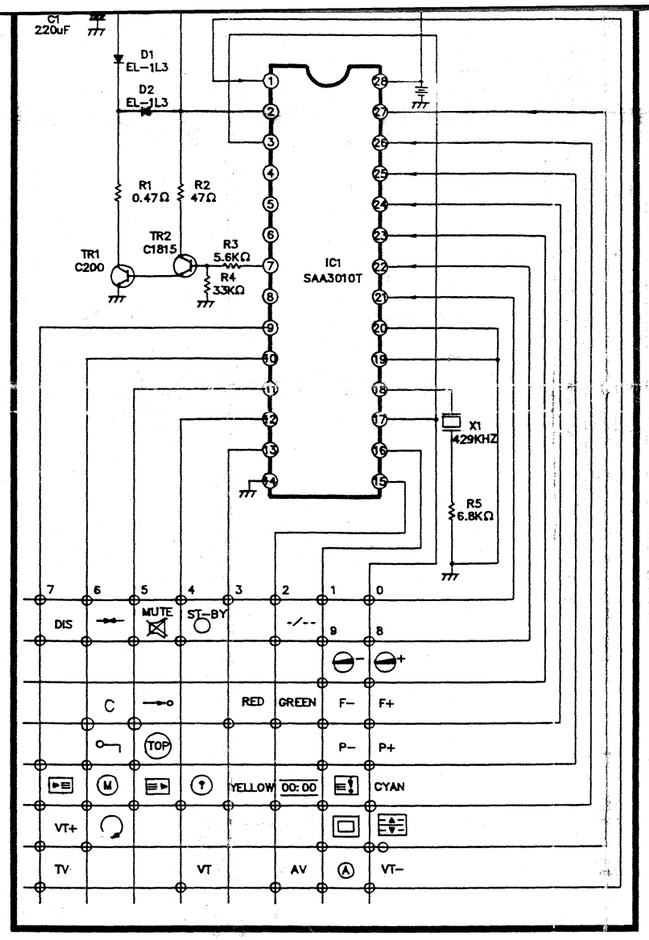
FIGURE	DESCRIPTION	REFERENCE NO.
18 10 1 9	TDA2579	IC401
	TDA4439	IC101
16 9	U2840B	IC601
	TDA4601	IC801
28 15 1 14	TDA3592A	IC502
42 22 1 21	ST6357	IC701
28 15 1 14	GM76C88L-15	IC3
	MAB8461P/ W172	IC4
	TDA3561A	IC501
	SDA5231-2	IC1
9 1	GL3820	IC201
	TDA4605-3	IC402
	TDA4650	IC301
	TDA4505	IC401
	TDA4510	IC602
	TDA4650	IC701
	TDA4505	IC801

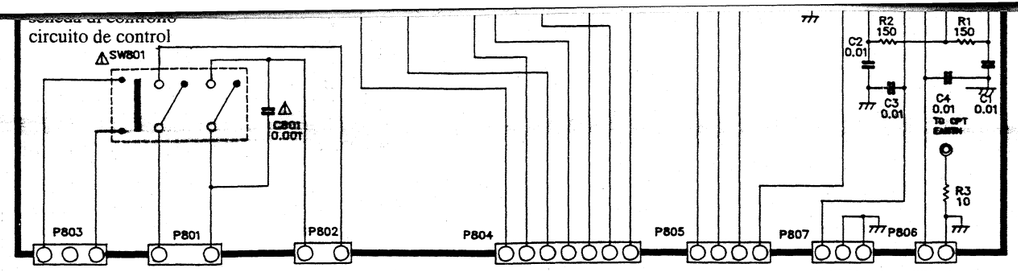




IR Amplifier-Verstärker
Preamplificatore







an, to, su, a
Netz, Mains, Rete
(230Vac)

P801

an, to, su, a
Chassis, Chasis
Scheda princ.
P702

P704

P703

an Lautsprecher
ad altoparlante
al parlante

an, to, su, a
Chassis, Chasis
Scheda princ
P 601

Konversionstabelle
Conversion table
Tabella di conversione pollici
Tabla para la Conversion de pulgadas

Bildschirmdiagonale/INCH/Pollici/Pulgadas			
Bauteil Nr. Circuit No. N. circuito Circuito N°	15"	21"	Bemerkungen Remark Osservazione Observaciones
R307	1R	0R91	Metallfilm-Widerstande Metal oxide resistor Resistore in ossido di metallo/Resistor de oxido metalico
R431	75k	62k	
FR404 FR406	1k2/0,5W 3R9/1W	560R/0,5W 1R5/1W	Sicherungs-Widerstände Fusible Resistors Resistore con fusibile Resistor fusible
C308	2200u/16V	1000u/16V	
C421 C427	7n3/1,6kV 390n/200V	8n2/1,6kV 470n/200V	MPP-Kondens./Capacitors Condensatore/Capac. MPP
L401	6mH8	6mH8	Impulsdrossel/Peaking coil/Bobina antidistorsione/Bobina de pico
L402	150-224L	150-224C	Linearitätsdrossel Linearity coil Bobina di linearità Bobina de linearidad
T402	154-177B	154-194D	Zeilentrafo/FBT
CPT	A36EA11X01	A51KPD12XX	Bildröhre/CPT

WF1 400Vp-p
WF2 135Vp-p(H)
WF3 100Vp-p(H)
WF4 12Vp-p(H)
WF5 1100Vp-p(H)
WF6 50Vp-p(V)
WF7 1Vp-p(V)
WF8 4Vp-p(V)
WF9 9Vp-p(H)
WF10 2.5Vp-p(H)
WF11 350mVp-p(H)
WF12 350mVp-p(H)
WF13 350mVp-p(H)
WF14 7Vp-p(H)
WF15 550mVp-p
WF16 500mVp-p(H)
WF17 1.7Vp-p(H)
WF18 95Vp-p(H)

91.11.29.

onenti
nentes

53	5A	Q205	2E
54	5C	Q301	3D
55	5C	Q302	3C
56	5C	Q401	5D
57	5C	Q402	5C
58	5C	Q601	1B
59	5C	Q602	1B
		Q603	1B
2	2E	Q701	3B
11	2D	Q702	3B
12	2A	Q703	2A
13	2E	Q704	2A
14	2E	Q705	2A
18	1C	Q706	2A
11	4D	Q707	2A
11	3D	Q708	2A
2	3E	Q709	1E
3	5C	Q710	1E
4	5D	Q711	1E
5	5E	Q712	3A
6	4E	Q713	4A
7	4E	Q715	4A
8	5D	Q801	5B
9	3E	Q802	4D
2	3E		
1	2C	IC101	1C
1	1B	IC201	1D
2	1A	IC301	4D
3	1B	IC401	3D
4	1B	IC402	4E
1	4A	IC501	2D
1	3B	IC502	2C
2	3A	IC601	1B
3	1C	IC602	1A
4	2A	IC701	2A
5	2A	IC702	3C
5	2E	IC801	4B
7	2B		
9	2B	P1	1A
1	2A	P2	2A
3	4B	PA1	4A
5	4B	P101	2E
7	4B	P102	2D
3	4B	P201	2E
3	4B	P301	4D
	3C	P401	5D
	4C	P501	3E
	3C	P601	1A
11	3E	P701	3A
12	2E	P801	5A
13	3C	P802	5B
	2B	P803	5A
	5B		
11	2D	S1	1C
12	3C	S2	1D
13	2A	S3	1D
	1D	T401	5D
	1C	T402	5E

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DIODEN/DIODE/DIODI/DIODO

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	TVR-06J	D301, 401, 402 405~408,604 805~809, 811, 812
	RB-156	RD801
	GU3C	D813
CATHODE ANODE	LAMP	LD701
	MTZ 5.6B	ZD1, 703
	MTZ 5.1B	ZD701, 702
	Z12BM	ZD402
	HZ33TE	ZD401

TRANSISTOREN/TRANSISTORS/TRANSISTORI/TRANSISTORES

FIGURE	DESCRIPTION	REFERENCE NO.
E C B	KTD1555	Q402, 801

FIGURE	DESCRIPTION	REFERENCE NO.
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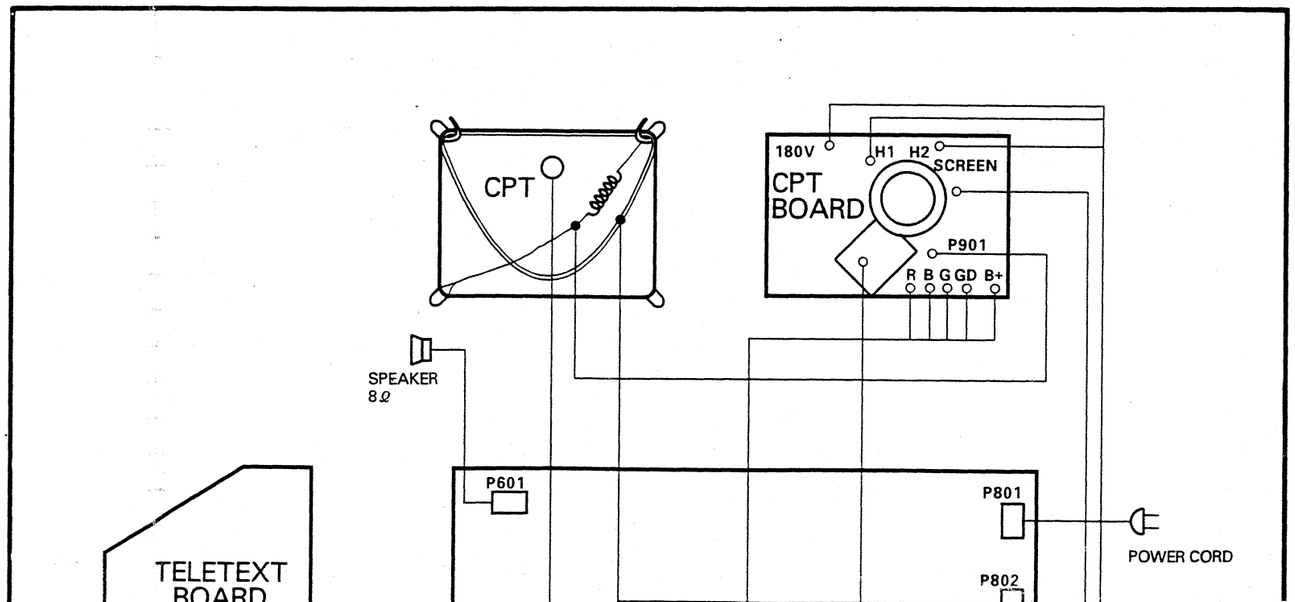
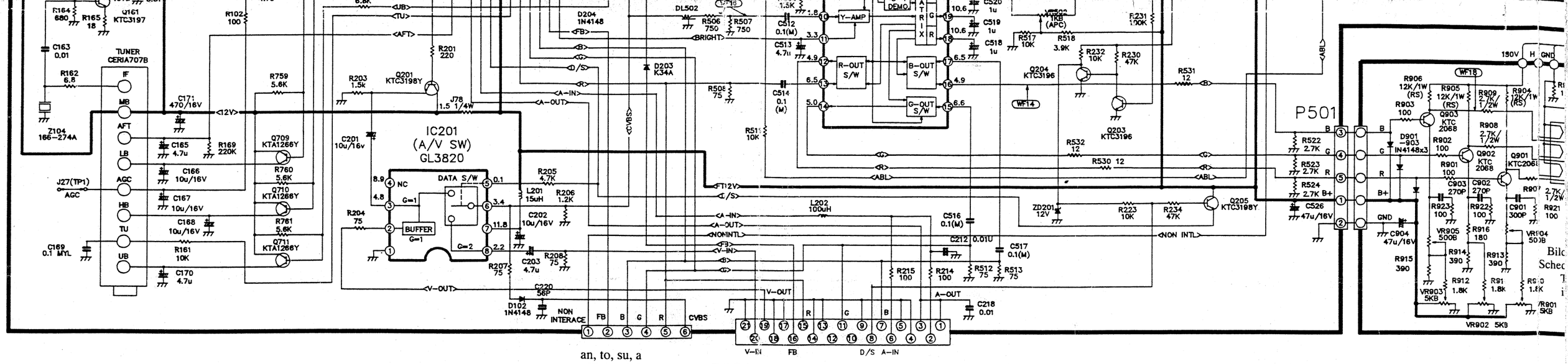
	U2840B	IC601
	TDA4601	IC801
	TDA3592A	IC502
42 22 1 21	ST6357	IC701
15 28 14 1	GM76C88L-15	IC3
	MAB8461P/ W172	IC4
	TDA3561A	IC501
	SDA5231-2	IC1
5 8	GL3820	IC201

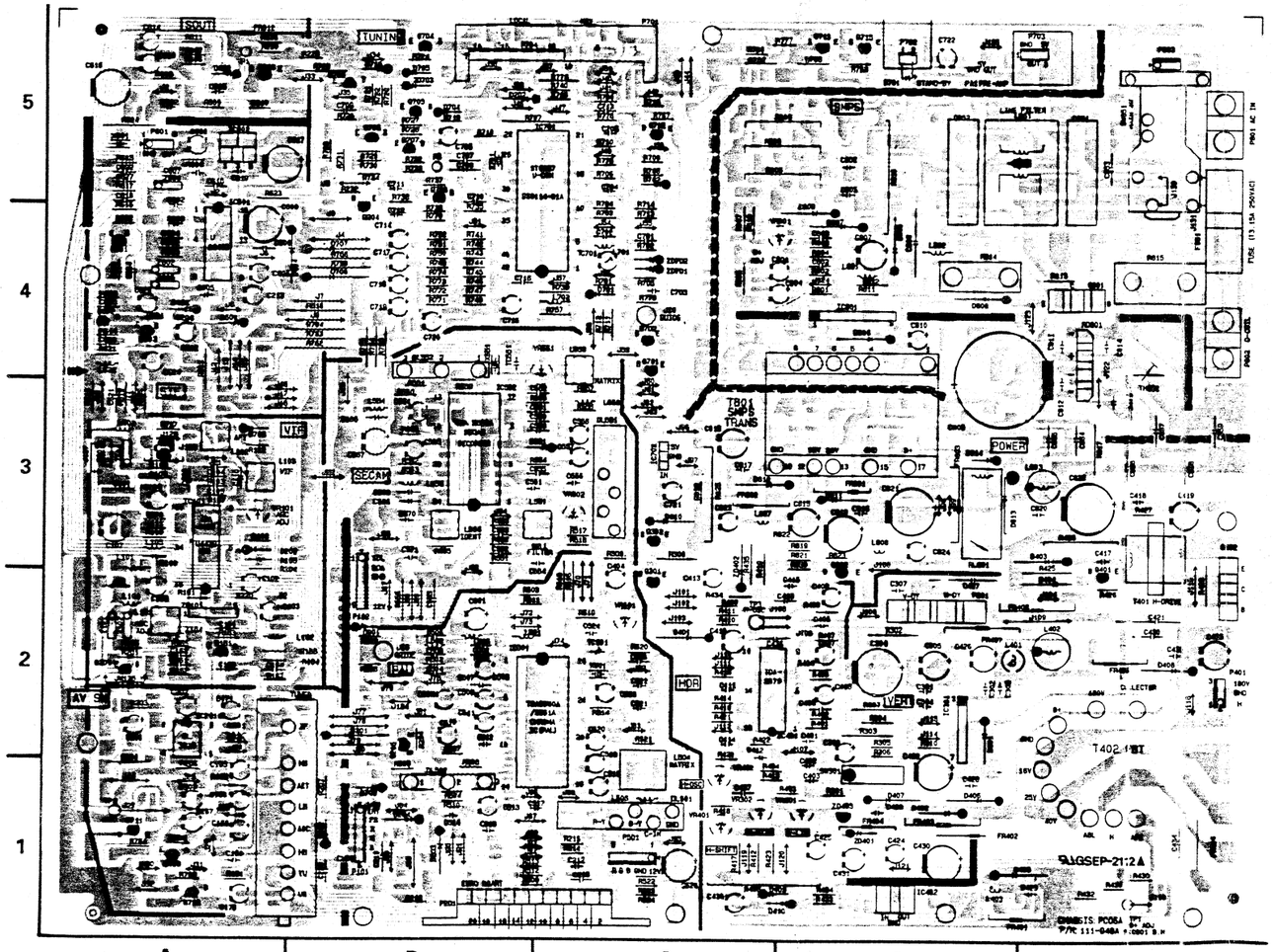




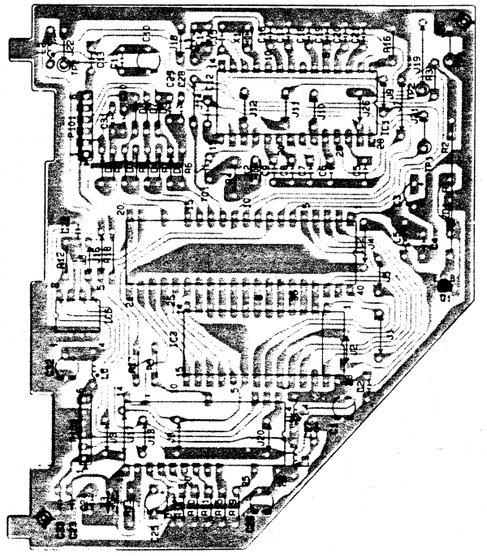
an, to, su, a
VT-Modul
Scheda televideo
Text board circ.
Teletexto
P101

P201
EURO SCART
Peritelevisione

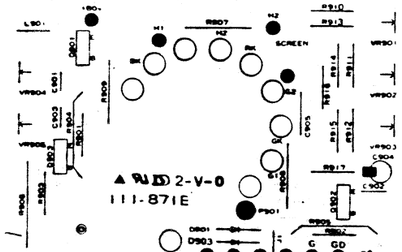
Chassisansicht (Bestückungsseite) mit Koordinaten-System
Main P.C. Board (component side)
Scheda principale (Lato componenti)
Tarj. de ci principal (Lado de los componentes)



Videotext-Modul (Bestückungsseite)
TXT P.C. Board (component side)
Scheda di televideo (Lato componenti)
Tarj. de ci de Teletexto
(Lado de los componentes)

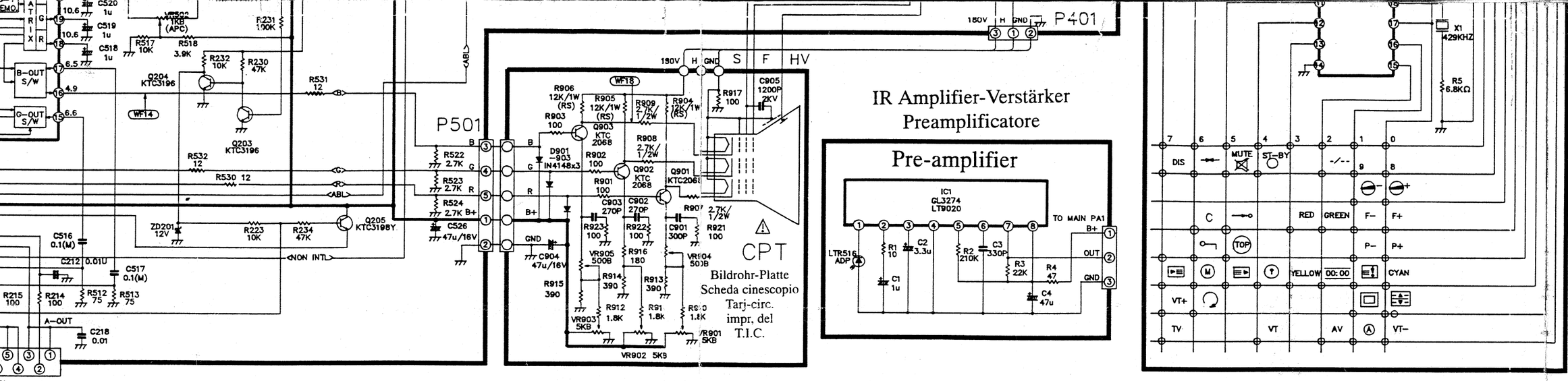


Bildrohrplatte (Bestückungsseite)
CPT P.C. Board (component side)
Scheda cinescopio (Lato componenti)
Tarj. de ci Para el T.I.C.
(Lado de los componentes)



Liste zum Bauteillageplan
Component location guide
Guida sulla ubicazione dei componenti
Guia para la ubicacion de componente

R101	1D	R512	2E	R742	2B	C111	1C	C554	2C	C853	5
R102	1C	R513	2E	R743	2B	C161	1D	C555	2C	C854	5
R103	1C	R514	3D	R744	2B	C162	1D	C556	3C	C855	5
R104	1D	R515	3D	R745	2B	C163	1D	C557	3C	C856	5
R105	1C	R516	3D	R746	2B	C164	1D	C558	3C	C857	5
R106	1D	R517	3C	R747	2B	C165	1E	C559	2C	C858	5
R107	1C	R518	3C	R748	2B	C166	2E	C560	2C	C859	5
R108	1C	R519	3D	R750	2B	C167	1E	C561	2C		
R109	1C	R520	3D	R751	2B	C168	1E	C562	2C	D102	2
R110	1C	R521	3D	R752	2B	C169	1E	C563	2D	D201	2
R111	1C	R522	3E	R753	2B	C170	1E	C564	2C	D202	2
R112	1C	R523	3E	R754	2B	C171	1D	C565	2C	D203	2
R161	1E	R524	3E	R755	2B	C201	1D	C566	2C	D204	2
R162	1D	R551	2C	R756	2B	C202	1D	C567	2C	D208	2
R163	1D	R552	2C	R757	2B	C203	1E	C568	2C	D301	4
R164	1D	R553	2C	R758	2B	C204	1B	C569	2C	D401	3
R165	1D	R554	2C	R759	1E	C212	3E	C570	2C	C402	3
R166	1D	R555	2C	R760	1E	C213	1B	C571	2C	C403	5
R167	1D	R556	3C	R761	1E	C218	3E	C601	1C	D404	5
R169	1E	R557	3C	R762	1B	C219	2E	C602	1A	D405	5
R201	1D	R558	2D	R763	1B	C220	2E	C603	1B	D406	4
R203	1B	R559	2B	R764	1B	C301	4A	C604	1B	D407	4
R204	1E	R560	2C	R765	4A	C302	4D	C605	1B	D408	5
R205	1D	R561	2C	R766	3A	C303	4D	C606	1B	D409	3
R206	1E	R562	2C	R767	3A	C304	4D	C607	1A	D410	2
R207	2E	R563	2C	R768	4A	C305	4D	C608	1B	D551	2
R208	2E	R564	2B	R769	3A	C306	4D	C609	1B	D601	1
R209	1B	R565	2C	R770	2B	C307	4D	C610	1A	D602	1
R214	3E	R601	1C	R771	2B	C308	4D	C611	1A	D603	1
R215	3E	R602	1B	R772	2B	C309	4D	C612	1A	D604	1
R220	1D	R603	1B	R773	2B	C401	4D	C613	1A	D701	4
R223	2D	R604	1B	R774	2B	C402	4E	C614	1A	D701	3
R228	1A	R605	1A	R775	3A	C403	4E	C615	1A	D702	3
R229	2D	R606	1A	R776	3A	C404	3D	C616	1A	D703	3
R230	1A	R607	1A	R777	3A	C405	4D	C617	1A	D704	2
R231	1A	R608	1A	R778	2A	C406	4D	C618	1A	D705	2
R232	2A	R609	1A	R779	3B	C407	4D	C619	1A	D706	2
R234	2D	R610	1A	R780	3A	C408	4D	C620	1B	D707	2
R301	4E	R611	1A	R801	4B	C409	4D	C621	1C	D709	2
R302	4D	R612	1B	R802	4B	C410	3D	C622	1A	D710	2
R303	4D	R613	1A	R803	4B	C411	3D	C623	1B	D805	4
R304	4D	R614	1B	R804	4B	C412	3D	C624	1B	D806	4
R305	4D	R615	1B	R805	3B	C413	3D	C625	1B	D807	4
R306	4E	R616	1C	R806	3A	C414	3D	C626	1B	D808	4
R307	4D	R617	1A	R807	3B	C415	4D	C627	1A	D809	4
R308	3C	R618	1B	R808	3A	C416	3D	C628	1B	D810	3
R309	3C	R619	1C	R809	3A	C417	5C	C701	3B	D811	4
R310	4D	R620	1B	R810	3B	C418	5C	C702	3B	D812	3
R401	4D	R621	1B	R811	4B	C419	5C	C703	3B	DL501	3
R402	4D	R622	1B	R812	4B	C420	3B	C704	3A	DL502	2
R403	4E	R623	1A	R813	5B	C421	5D	C705	3A	DL551	3
R404	3E	R624	1A	R814	4B	C422	4E	C706	2A	DL552	2
R405	4D	R625	1C	R815	5B	C423	5E	C707	2A	RD801	5
R406	4D	R701	3B	R816	3A	C424	4E	C708	2A	ZD201	2
R407	4D	R702	3B	R817	5C	C425	4E	C709	2A	ZD402	3
R408	4D	R703	3B	R818	3C	C426	4D	C710	2A	ZD703	2
R409	3D	R704	3B	R819	4C	C427	4D	C711	2A		
R410	3D	R705	3B	R820	4C	C428	4E	C712	2B	L101	1
R411	3D	R706	3A	R821	4C	C429	4E	C713	3A	L102	1
R412	3E	R707	2A	R822	4C	C430	4E	C714	2B	L103	1
R413	3E	R708	3A	R823	4C	C431	4E	C715	2B	L104	1
R414	3D	R709	3A	R825	3C	C432	5D	C716	2B	L105	1
R416	3D	R710	3A	FR401	5E	C433	5D	C717	2B	L161	1
R417	3E	R711	3B	FR402	4E	C434	5E	C718	2B	L162	1
R418	3E	R712	3B	FR403	4C	C435	3E	C719	2B	L201	2
R419	3C	R713	3B	FR404	4E	C436	3D	C720	2B	L401	4
R420	3E	R714	3B	FR405	5D	C437	3E	C721	3C	L402	5
R421	3D	R715	3A	FR406	5E	C501	2D	C722	4A	L403	4
R422	3D	R716	2A	FR407	4D	C502	2D	C723	4A	L501	2
R423	3E	R717	1C	FR408	5D	C503	3B	C801	3B	L502	2
R424	4E	R718	2A	FR612	1A	C504	2D	C802	4B	L503	3
R425	5D	R719	2A	FR801	4C	C505	2D	C803	4B	L504	3
R426	5D	R720	2A	FR802	3C	C506	2D	C804	3B	L505	3
R427	5C	R721	2A	FR803	4C	C507	2D	C805	4A	L551	4
R428	5C	R722	2A	VR101	1C	C508	2D	C806	4A	L552	3
R429	5D	R723	1A	VR301	4E	C509	2D	C807	4B	L553	3
R430	5E	R724	2A	VR302	4E	C510	2D	C808	4B	L554	3
R431	5E	R725	2A	VR401	3E	C511	2D	C809	4B	L555	2
R432	5E	R726	2A	VR402	3E	C512	2D	C810	4B	L556	2
R433	4E	R727	2A	VR501	3D	C513	2E	C811	5B	L622	2
R434	3D	R728	2A	VR502	3C	C514	2E	C812	5B	L701	3
R435	3C	R729	2A	VR551	2E	C516	2E	C813	5C	L702	3
R436	2E	R730	2A	VR801	3B	C517	2E	C814	5B	L801	4
R501	2D	R731	2A			C518	3E	C815	4C	L802	4
R502	2D	R732	2A	C101	1D	C519	3D	C816	4C	L803	5
R503	3D	R733	2A	C102	1D	C520	3D	C817	3C	L804	5
R504	2E	R734	2A	C103	1D	C521	3D	C818	4C	L805	4
R505	2E	R735	2B	C104	1C	C522	3D	C819	3C	L807	3
R506	2E	R736	2B	C105	1C	C523	3D	C820	5C	L808	4
R507	2E	R737	2A	C106	1C	C524	3D	C821	4C	L851	4
R508	2E	R738	2A	C107	1D	C525	3D	C822	5C		
R510	2E	R739	2B	C108	1D	C526	3E	C823	3C	Q101	1
R511	2D	R740	2A	C109	1C	C551	2C	C824	4C	Q161	1
		R741	2B	C110	1C	C552	2C	C851	5A	Q203	1
						C553	2C	C852	4A	Q204	1

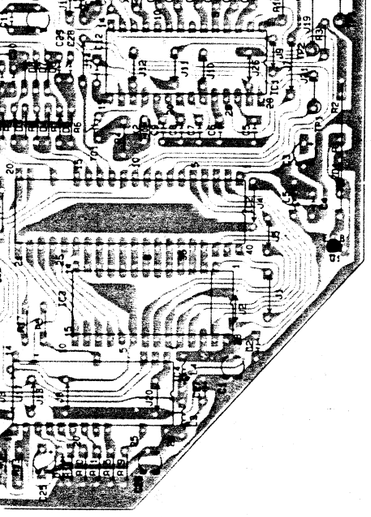


IR Amplifier-Verstärker
Preamplificatore

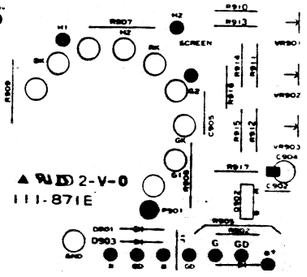
Konversionstabelle
Conversion table
Tabella di conversione
Tabla para la Conversic

Bildschirmdiagonale/INC	
Bauteil Nr. Circuit No. N. circuito Circuito N°	15"
R307	1R
R431	75k
FR404 FR406	1k2/0,5W 3R9/1W
C308	2200u/16V
C421 C427	7n3/1,6kV 390n/200V
L401	6mH8
L402	150-224L
T402	154-177B
CPT	A36EA11X01

text-Modul (Bestückungsseite)
.C. Board (component side)
a di televideo (Lato componenti)
de ci de Teletexto
de los componentes)



hrplatte (Bestückungsseite)
C. Board (component side)
cinescopio (Lato componenti)
de ci Para el T.I.C.
de los componentes)



Liste zum Bauteillageplan
Component location guide
Guida sulla ubicazione dei componenti
Guia para la ubicacion de componentes

R101 1D	R512 2E	R742 2B	C111 1C	C554 2C	C853 5A	Q205 2E			
R102 1C	R513 2E	R743 2B	C161 1D	C555 2C	C854 5C	Q301 3D			
R103 1C	R514 3D	R744 2B	C162 1D	C556 3C	C855 5C	Q302 3C			
R104 1D	R515 3D	R745 2B	C163 1D	C557 3C	C856 5C	Q401 5D			
R105 1C	R516 3D	R746 2B	C164 1D	C558 3C	C857 5C	Q402 5C			
R106 1D	R517 3C	R747 2B	C165 1E	C559 2C	C858 5C	Q601 1B			
R107 1C	R518 3C	R748 2B	C166 1E	C560 2C	C859 5C	Q602 1B			
R108 1C	R519 3D	R750 2B	C167 1E	C561 2C		Q603 1B			
R109 1C	R520 3D	R751 2B	C168 1E	C562 2C	D102 2E	Q701 3B			
R110 1C	R521 3D	R752 2B	C169 1E	C563 2D	D201 2D	Q702 3B			
R111 1C	R522 3E	R753 2B	C170 1E	C564 2C	D202 2A	Q703 2A			
R112 1C	R523 3E	R754 2B	C171 1D	C565 2C	D203 2E	Q704 2A			
R161 1E	R524 3E	R755 2B	C201 1D	C566 2C	D204 2E	Q705 2A			
R162 1D	R551 2C	R756 2B	C202 1D	C567 2C	D208 1C	Q706 2A			
R163 1D	R552 2C	R757 2B	C203 1E	C568 2C	D301 4D	Q707 2A			
R164 1D	R553 2C	R758 2B	C204 1B	C569 2C	D401 3D	Q708 2A			
R165 1D	R554 2C	R759 1E	C212 3E	C570 2C	D402 3E	Q709 1E			
R166 1D	R555 2C	R760 1E	C213 1B	C571 2C	D403 5C	Q710 1E			
R167 1D	R556 3C	R761 1E	C218 3E	C601 1C	D404 5D	Q711 1E			
R168 1E	R557 3C	R762 1B	C219 2E	C602 1A	D405 5E	Q712 3A			
R201 1D	R558 2D	R763 1B	C220 2E	C603 1B	D406 4E	Q713 4A			
R203 1D	R559 2B	R764 1B	C301 4D	C604 1B	D407 4E	Q715 4A			
R204 1E	R560 2C	R765 4A	C302 4D	C605 1B	D408 5D	Q801 5B			
R205 1D	R561 2C	R766 3A	C303 4D	C606 1B	D409 3E	Q802 4D			
R206 1E	R562 2C	R767 3A	C304 4D	C607 1A	D410 3E		IC101 1C		
R207 2E	R563 2C	R768 4A	C305 4D	C608 1B	D551 2C		IC201 1D		
R208 2E	R564 2B	R769 3A	C307 4D	C609 1B	D601 1B		IC301 4D		
R209 1B	R565 2C	R770 2B	C308 4D	C610 1A	D602 1A		IC401 3D		
R214 3E	R601 1C	R771 2B	C309 4D	C611 1A	D603 1B		IC402 4E		
R215 3E	R602 1B	R772 2B	C401 4D	C612 1A	D604 1B		IC501 2D		
R220 1D	R603 1B	R773 2B	C402 4E	C613 1A	D701 4A		IC502 2C		
R223 2D	R604 1B	R774 2B	C403 4E	C614 1A	D701 3B		IC601 1B		
R228 1A	R605 1A	R775 3A	C404 3D	C615 1A	D702 3A		IC602 1A		
R229 2D	R606 1A	R776 3A	C405 4D	C616 1A	D703 1C		IC701 2A		
R230 1A	R607 1A	R777 3A	C406 4D	C617 1A	D704 2A		IC702 3C		
R231 1A	R608 1A	R778 2A	C407 4D	C618 1A	D705 2A		IC801 4B		
R232 2A	R609 1A	R779 3B	C408 4D	C619 1A	D706 2E				
R234 2D	R610 1A	R780 3A	C409 4D	C620 1B	D707 2B		P1 1A		
R301 4E	R611 1A	R801 4B	C410 3D	C621 1C	D709 2B		P2 2A		
R302 4D	R612 1B	R802 4B	C411 3D	C622 1A	D710 2A		PA1 4A		
R303 4D	R613 1A	R803 4B	C412 3D	C623 1B	D805 4B		P101 2E		
R304 4D	R614 1B	R804 4B	C413 3D	C624 1B	D806 4B		P102 2D		
R305 4E	R615 1B	R805 3A	C414 3D	C625 1B	D807 4B		P201 2E		
R306 4E	R616 1C	R806 3A	C415 4D	C626 1B	D808 4B		P301 4D		
R307 4D	R617 1A	R807 3B	C416 3D	C627 1A	D809 4B		P401 5D		
R308 3C	R618 1B	R808 3A	C417 5C	C628 1B	D810 3C		P501 3E		
R309 3C	R619 1C	R809 4A	C418 5C	C701 3B	D811 4C		P601 1A		
R310 4D	R620 1B	R810 3B	C419 5C	C702 3B	D812 3C		P701 3A		
R401 4D	R621 1B	R811 4B	C420 5D	C703 3B	DL501 3E		P801 5A		
R402 4D	R622 1B	R812 4B	C421 5D	C704 3A	DL502 2E		P802 5B		
R403 4E	R623 1A	R813 5B	C422 4E	C705 3A	DL551 3C		P803 5A		
R404 3E	R624 1A	R814 4B	C423 5E	C706 2A	DL552 2B				
R405 4D	R625 1C	R815 5B	C424 4E	C707 2A	RD801 5B		S1 1C		
R406 4D	R701 3B	R816 5A	C425 4E	C708 2A	ZD201 2D		S2 1D		
R407 4D	R702 3B	R817 5C	C426 4D	C709 2A	ZD402 3C		S3 1D		
R408 4D	R703 3B	R818 3C	C427 4D	C710 2A	ZD703 2A				
R409 3D	R704 3B	R819 4C	C428 4E	C711 2A			T401 5D		
R410 3D	R705 3B	R820 4C	C429 4E	C712 2B	L101 1D		T402 5E		
R411 3D	R706 3A	R821 4C	C430 4E	C713 3A	L102 1C		T801 4C		
R412 3E	R707 2A	R822 4C	C431 4E	C714 2B	L103 1C		TC501 3D		
R413 3E	R708 3A	R823 4C	C432 5D	C715 2B	L104 1D		TC551 2B		
R414 3D	R709 3A	R824 4C	C433 5D	C716 2B	L105 1C		TC701 3B		
R415 3D	R710 3A	FR401 5E	C434 5E	C717 2B	L151 1D		TH851 5B		
R416 3D	R711 3B	FR402 4E	C435 3E	C718 2B	L162 1D		TP1 5E		
R417 3E	R712 3B	FR403 4E	C436 3D	C719 2B	L201 1D		TP2 1E		
R418 3E	R713 3B	FR404 4E	C437 3E	C720 2B	L401 4D		TP3 3D		
R419 3C	R714 3B	FR405 5D	C501 2D	C721 3C	L402 5D				
R420 3E	R715 3A	FR406 5E	C502 2D	C722 4A	L403 4E		F851 5B		
R421 3D	R716 2A	FR407 4D	C503 2D	C801 3B	L501 2D		X501 3D		
R422 3D	R717 1C	FR408 5D	C504 2D	C802 4B	L502 2D		X551 2B		
R423 3E	R718 2A	FR612 1A	C505 2D	C803 4B	L503 3E		X601 1A		
R424 4E	R719 2A	FR801 4C	C506 2D	C804 3B	L504 3E		X701 2A		
R425 5D	R720 2A	FR802 3C	C507 2D	C805 4A	L505 2D				
R426 5D	R721 2A	FR803 3C	C508 2D	C806 4A	L551 2C		Z101 1D		
R427 5C	R722 2A	VR101 1C	C509 2D	C807 4B	L552 3C		Z102 1D		
R428 5C	R723 1A	VR301 4E	C510 2D	C808 4B	L553 3B		Z104 1D		
R429 5D	R724 2A	VR302 4E	C511 2D	C809 4B	L554 2C		Z601 1A		
R430 5E	R725 2A	VR401 3E	C512 2D	C810 4B	L555 2C		Z602 1B		
R431 5E	R726 2A	VR402 3E	C513 2E	C811 5B	L556 2C		Z603 1C		
R432 5E	R727 2A	VR501 3D	C514 2E	C812 5B	L602 1C		Z604 1C		
R433 4E	R728 2A	VR502 3C	C516 2E	C813 5C	L622 1B		Z605 1B		
R434 3D	R729 2A	VR551 2B	C517 3E	C814 5B	L701 3B		ZD401 4E		
R435 3C	R730 2A	VR801 3B	C518 3E	C815 4C	L702 2B		ZD403 4E		
R436 2E	R731 2A		C519 3E	C816 4C	L801 4B		ZD701 3B		
R501 2D	R732 2A	C101 1D	C520 3D	C817 3C	L802 4B		ZD702 3B		
R502 2D	R733 2A	C102 1D	C521 3D	C818 4C	L803 5C		ZF101 1D		
R503 3D	R734 2A	C103 1D	C522 3D	C819 3C	L807 3C		SW301 4E		
R504 2E	R735 2B	C104 1C	C523 3D	C820 5C	L808 4C		SW851 5A		
R505 2E	R736 2B	C105 1C	C524 3D	C821 4C	L851 4A				
R506 2E	R737 2A	C106 1C	C525 3D	C822 5C			Q101 1C		
R507 2E	R738 2A	C107 1C	C526 3E	C823 3C			Q161 1D		
R508 2E	R739 2B	C108 1D	C551 2C	C824 4C			Q203 1A		
R510 2E	R740 2A	C109 1C	C552 2C	C851 5A			Q204 2B		
R511 2D	R741 2B	C110 1C	C553 2C	C852 4A					

Halbleiter-Anschlussbelegungen
Terminal view of semiconductor
Terminali dei semiconduttori
Detalle de los semiconductores

DIODEN/DIODE/DIODI/DIODO

FIGURE	DESCRIPTION	REFERENCE NO.
	DS4148TA	D1~8, 102, 201, 204 409, 410, 601, 602 603, 702, 703~710 810, 814, 901~903
	IN4003TA	D403, 404
	TVR-06J	D301, 401, 402 405~408,604 805~809, 811, 812
	RB-156	RD801
	GU3C	D813
CATHODE ANODE	LAMP	LD701
	MTZ 5.6B	ZD1, 703
	MTZ 5.1B	ZD701, 702
	Z12BM	ZD402
	HZ33TE	ZD401

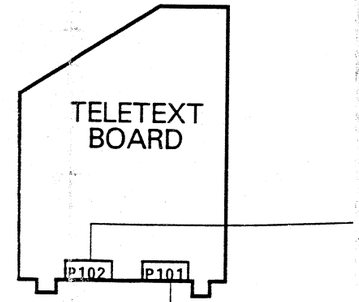
TRANSISTOREN/TRANSISTORS/TRANSISTORI/TRANSISTORES

E C B	KTD1555	Q402, 801
	KTC3198	Q101, 201, 301, 302 603,701~707,712, 715
	KTC2236-C	Q1
	KTC3198-0	Q708
	KTA1266	Q709~711, 713
	KTC3202	Q802
	KTC2230A	Q401
	KTC3197	Q161
	KTC2068	Q901-903

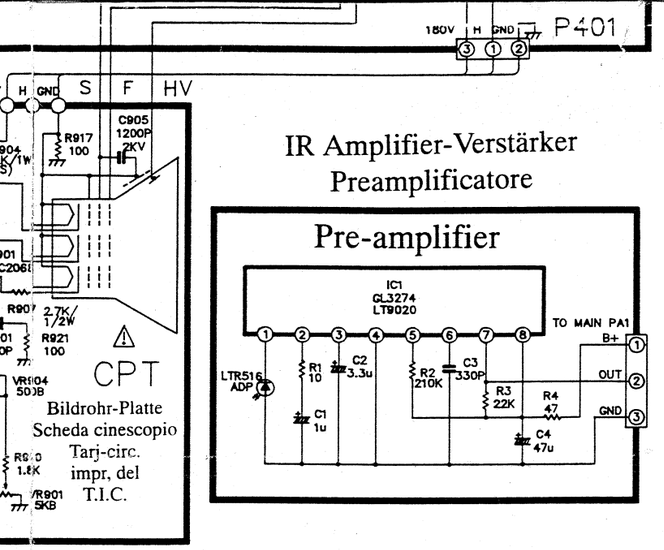
IC

	KIA7812P	IC402
	KIA7805P	IC702

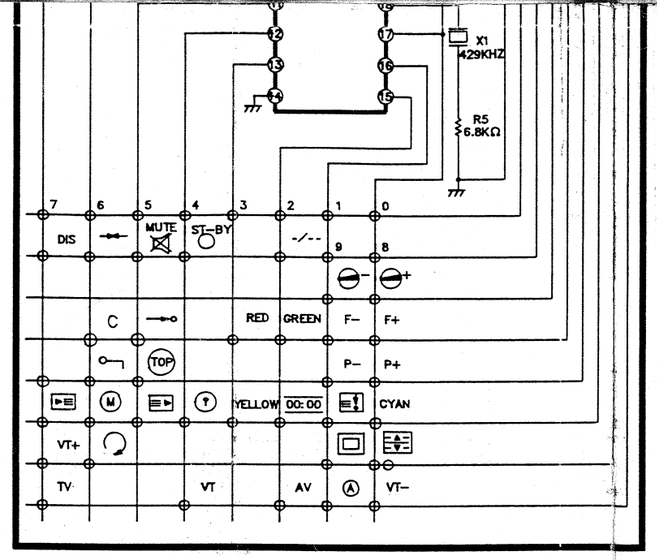
FIGURE	DESCRIPTION	REFERENCE NO.
18 10 1 9	TDA2579	IC401
	TDA4439	IC101
14	U2840B	IC601
	TDA4601	IC801
12	TDA3592A	IC502
42 22 1 21	ST6357	IC701
28 15 1 14	GM76C88L-15	IC3
	MAB8461P/ W172	IC4
	TDA3561A	IC501
	SDA5231-2	IC1
5	GL3820	IC201
	X24C02P	IC5
	TDA2006	IC602
	LA7830	IC301
42 22 1 21	SDA5243	IC2



Verkabelungsplan
Wiring diagram
Schema di cablaggio
Diagrama de cableado



IR Amplifier-Verstärker
Preamplificatore



Konversionstabelle
Conversion table
Tabella di conversione pollici
Tabla para la Conversion de pulgadas

Bildschirmdiagonale/INCH/Pollici/Pulgadas			
Bauteil Nr. Circuit No. N. circuito Circuito Nº	15"	21"	Bemerkungen Remark Osservazione Observaciones
R307	1R	0R91	Metallfilm-Widerstande Metal oxide resistor Resistore in ossido di metallo/Resistor de oxido metalico
R431	75k	62k	
FR404 FR406	1k2/0,5W 3R9/1W	560R/0,5W 1R5/1W	Sicherungs-Widerstände Fusible Resistors Resistore con fusibile Resistor fusible
C308	2200u/16V	1000u/16V	
C421 C427	7n3/1,6kV 390n/200V	8n2/1,6kV 470n/200V	MPP-Kondens./Capacitors Condensatore/Capac. MPP
L401	6mH8	6mH8	Impulsdrossel/Peaking coil/Bobina antidistorsione/Bobina de pico
L402	150-224L	150-224C	Linearitätsdrossel Linearity coil Bobina di linearità Bobina de linearidad
T402	154-177B	154-194D	Zeilentrafo/FBT
CPT	A36EA11X01	A51KPD12XX	Bildröhre/CPT

WF1 400Vp-p
WF2 135Vp-p(H)
WF3 100Vp-p(H)
WF4 12Vp-p(H)
WF5 1100Vp-p(H)
WF6 50Vp-p(V)
WF7 1Vp-p(V)
WF8 4Vp-p(V)
WF9 9Vp-p(H)
WF10 2.5Vp-p(H)
WF11 350mVp-p(H)
WF12 350mVp-p(H)
WF13 350mVp-p(H)
WF14 7Vp-p(H)
WF15 550mVp-p
WF16 500mVp-p(H)
WF17 1.7Vp-p(H)
WF18 95Vp-p(H)

91.11.29.

Halbleiter-Anschlussbelegungen
Terminal view of semiconductor
Terminali dei semiconduttori
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DIODEN/DIODE/DIODI/DIODO

FIGURE	DESCRIPTION	REFERENCE NO.
	DS4148TA	D1~8, 102, 201, 204 409, 410, 601, 602 603, 702, 703~710 810, 814, 901~903
	IN4003TA	D403, 404
	TVR-06J	D301, 401, 402 405~408,604 805~809, 811, 812
	RB-156	RD801
	GU3C	D813
CATHODE ANODE	LAMP	LD701
	MTZ 5.6B	ZD1, 703
	MTZ 5.1B	ZD701, 702
	Z12BM	ZD402
	HZ33TE	ZD401

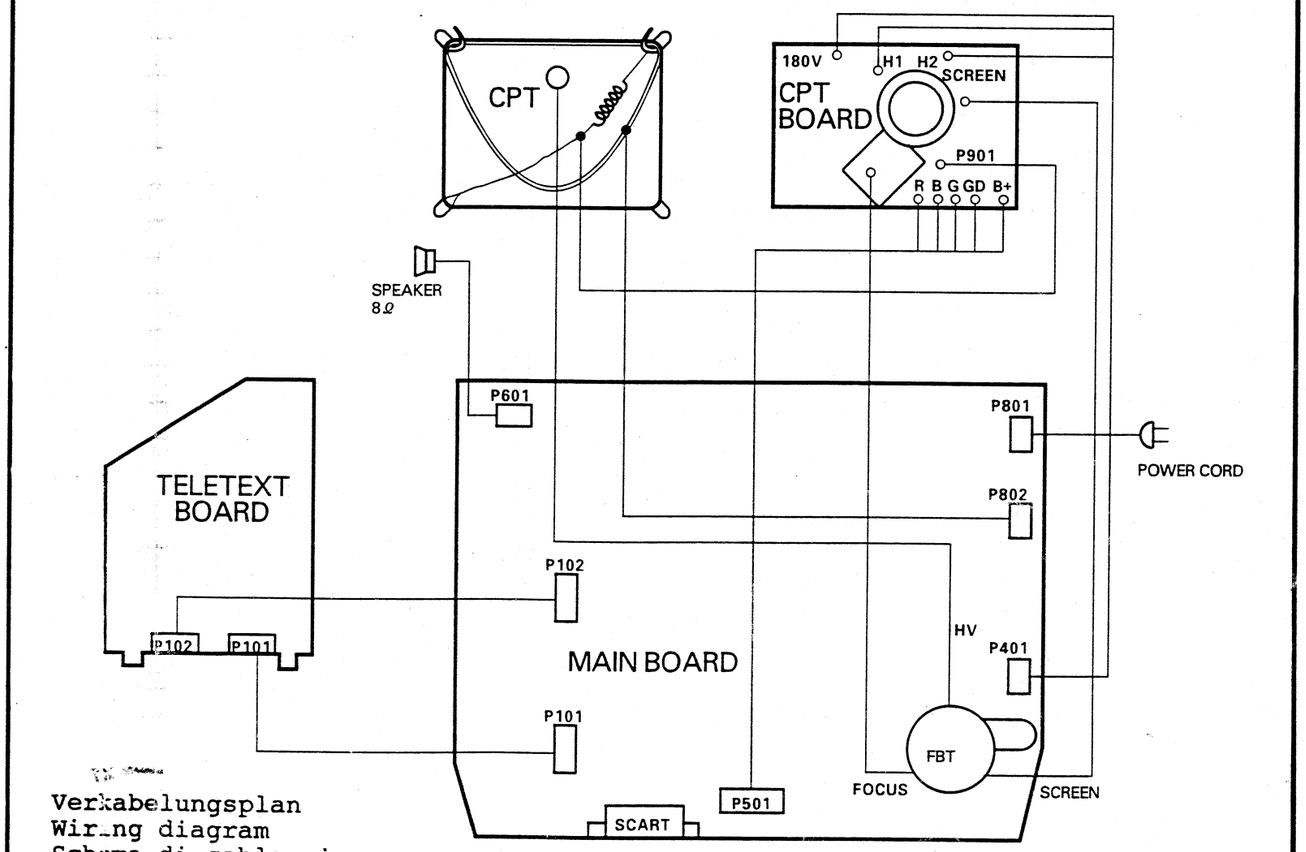
TRANSISTOREN/TRANSISTORS/TRANSISTORI/TRANSISTORES

E C B	KTD1555	Q402, 801
B C E	KTC3198	Q101, 201, 301, 302 603,701~707,712, 715
	KTC2236-C	Q1
	KTC3198-0	Q708
	KTA1266	Q709~711, 713
	KTC3202	Q802
	KTC2230A	Q401
	KTC3197	Q161
	KTC2068	Q901-903

IC

	KIA7812P	IC402
	KIA7805P	IC702

FIGURE	DESCRIPTION	REFERENCE NO.
18 10 1 9	TDA2579	IC401
	TDA4439	IC101
	U2840B	IC601
	TDA4601	IC801
	TDA3592A	IC502
42 22 1 21	ST6357	IC701
16 28 14 1	GM76C88L-15	IC3
	MAB8461P/ W172	IC4
	TDA3561A	IC501
	SDA5231-2	IC1
	GL3820	IC201
	X24C02P	IC5
	TDA2006	IC602
	LA7830	IC301
42 22 1 21	SDA5243	IC2



Verkabelungsplan
Wiring diagram
Schema di cablaggio
Diagrama de cableado